THE

ILLUSTRATED LONDON ALMANACK

FOR

1865



CONTAINING

ASTRONOMICAL DIAGRAMS OF REMARKABLE PHENOMENA, PRINTED IN TINTS.

UNDER THE SUPERINTENDENCE OF JAMES BREEN, F.R.A.S.;

FERNS AND BUTTERFLIES OF THE MONTHS,

PRINTED IN COLOURS, BY LEIGHTON BROTHERS, WITH DESCRIPTIVE LETTERPRESS BY MRS. LANKESTER;

TWELVE FINE-ART ENGRAVINGS; TWELVE ORIGINAL DESIGNS HEADING THE CALENDAR;

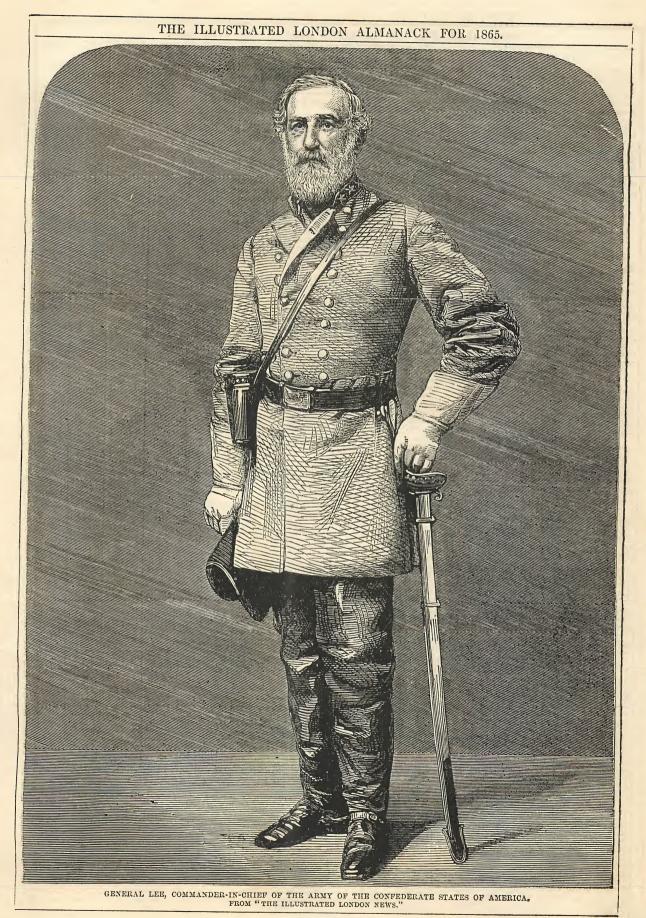
AND A VARIETY OF USEFUL INFORMATION.

JANUARY.



SKATING.

-	1		Ī	SUN.		мо	on,	DURATION OF M	OONLIGHT.	HIGH W		
D. OF	D. OF	ANNIVERSARIES, FESTIVALS,		Souths		Rises.	Sets	Before Sunrise.	After Sunset.	London Bridge.	Liverpool Dock.	Day
M.	w.	OCCURRENCES, ETC.	Rises.	Noon, So	ets.	Morn.	Aftern.	O'Clock.	O'Clock.	Morn. Aftern.	Morn. Aftern.	Year.
1	C	g	н. м.	M. S. H.	м.	н. м. 9 52	н. м. 9 3	4 5 6 7 8	4 5 6 7 8	н. м. н. м. 4 15 4 37	н. м. н. м. 1 15 1 36	1
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2			8 8		2	10 19	11 39	5		5 43 6 8		1
3	1 777	Length of day 7h. 5im,	8 8	1	3	7 7 7 4	Morn.	6		6 30 6 58		1
5	-	Day breaks 6h. 2m. Edward the Confessor died, 1041	8 8		4	$\frac{11}{11} \frac{14}{42}$	0 55			7 25 7 55		5
6	177	Epiphany	8 7	6 16 4	6	Aftern.	2 11	8 9		8 26 9 3		6
7	S	Twilight ends 6h, 11m,	8 7	6 42 4	7	0 49	3 23	10		9 40 10 17	6 55 7 34	
8		1ST S. AFT. EP. Lucian	8 6		8	1 33	4 30	10		10 56 11 33		1
g		Calais taken, 1558	8 6	-	10	2 24	5 30	12		_ 0 6		9
10		Land executed, 1645	8 5	1	11	3 21	6 22	13		0 38 1 6	10 10 10 33	10
11		Hilary Term begins	8 5		12	4 22	7 8			1 32 1 55	10 54 11 14	11
12	Th	Mean daily temperature, 36 deg.	8 4		14	5 24	7 45	15		2 16 2 36	11 36 11 54	12
13	F	Cambridge Lent Term begins	8 3	9 64	15	6 31	8 15	1.6		2 58 3 16	- 0 13	13
14	S	Oxford Lent Term begins	8 2		17	7 36	8 41	17		3 35 3 51	0 29 0 46	14
15	S	2ND SUND. AFT. EPIPH.	8 2	9 49 4	18	8 40	9 5	13		4 8 4 24	-	15
16		Battle of Corunna, 1809	8 1	10 10 4	20	9 43	9 28	19		4 41 4 57	1 1	
17	Tu	King Charles I. tried, 1649	8 0	10 30 4	22	10 46	9 49	20		5 15 5 31		
18	W	Prisca	7 59	10 49 4	23	11 49	10 10	21		5 48 6 6		18
19	1	First English Parliament, 1265	7 58	11 74	25	Morn.	10 33	22		6 23 6 43		
20		Fabian	7 57	11 25 4	27	0 54				7 2 7 24		
21	1	Agnes	7 56		28	1 57	11 29	24		7 48 8 19		21
22		3RD S. AFT. EP. Vincent		11 58 4	30	3 1	Aftern.	25		8 56 9 34		
23	1_	Royal Exchange opened, 1571	7 53		32	4 4	0 51	26		10 11 10 48		23
24	1	Day breaks 5h, 5lm.	7 52		33	5 1	1 43	27		11 27 —	8 40 9 10	24
25	1	Conversion of St. Paul	7 51	12 42 4	35	5 53	2 48	29		0 2 0 32		
26		Twilight ends 6h, 36m,	7 49		37	6 40	4 0	0		$\begin{vmatrix} 0 & 59 & 1 & 24 \\ 1 & 47 & 2 & 10 \end{vmatrix}$	$110\ 25\ 10\ 48$	
27	1 -	Greece declared Independent, 1822	7 48	1	39	7 18	5 18		2000000	1 47 2 10 2 33 2 55		28
28		Wellington College opened, 1859	7 47	$\begin{vmatrix} 13 & 18 & 4 \\ 13 & 29 & 4 \end{vmatrix}$	40	7 50 8 22	6 40	$\frac{1}{2}$		3 18 3 39	$0 \ 0 \ 17 \ 0 \ 37$	1
30			7 44		-	8 50	9 24	3		3 59 4 21	0 59 1 21	30
		Charles I, beheaded, 1649	7 42				10 49	4	1 1 1	4 43 5 5		
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THE QUEEN AND ROYAL FAMILY.

THE QUEEN AND ROYAL FAMILY.

THE QUEEN.—VICTORIA, of the United Kingdom of Great Britain and Ireland, &c., Queen, Defender of the Faith. Her Majesty was born at Kensington Palace, May 24, 1819; succeeded to the throne June 20, 1837, on the death of her uncle King William IV.; was crowned June 28, 1838; and married, Feb. 10, 1840, to his Royal Highness Prince Albert. Her Majesty its, the only child of his late Royal Highness Edward Duke of Kent, son of King George III. The Children of her Majesty are:—

Her Royal Highness Victoria-Adelaide-Mary-Louisa, PRINCESS ROYAL OF ENGLAND AND PRUSSIA, born Nov. 21, 1840, and married to his Royal Highness William of Prussia, Jan. 25, 1858, and has issue two sons and a daughter.

His Royal Highness Albert-Edward, PRINCE OF WALES, born Nov. 9, 1841; married, March 10, 1863, Alexandra of Denmark (Princess of Wales), born Dec. 1, 1844, and las issue a son, Prince Albert Victor, born Jan. 8, 1864. Her Royal Highness Alice-Maud-Mary, born April 25, 1843; married to H.R.H. Prince Frederick Louis of Hesse, July 1, 1862, and has issue a daughter, Princess Victoria.

His Royal Highness Alfred-Ernest-Albert, born Aug. 6, 1844. Her Royal Highness Louis-Carolina-Alberta, born May 25, 1846. Her Royal Highness Louis-Carolina-Alberta, born March 18, 1848. His Royal Highness Leopold-George-Duncan-Albert, born Marth 17, 1853. Her Royal Highness Leopold-George-Duncan-Albert, born April 7, 1853. Her Royal Highness Beatrice-Mary-Victoria-Feodore born April 14, 1857.

George-Frederick-William-Charles, K.G., DUKE OF CAMBRIDGE, cousin to her Majesty, born March 26, 1819.

Angusta-Wilhelmina-Louisa, DUCHESS OF CAMBRIDGE, niece of the Landgrave of Hesse and aunt to her Majesty, born July 25, 1795; married, in 1819, the late Duke of Cambridge.

George-Frederick-Alexander-Charles-Ernest-Augustus, K.G., KING OF HANOVER, cousin to her Majesty, born May 27, 1819, married Princess Frederica of Mecklenburg-Strelitz, and has issue a son and two daughters. Augusta-Caroline-Charlotte-Blizabeth-Mary-Sophia-Louisa, daughter of the late Duke of Cambridge and cousin to her Majesty, born July 19, 1822, married, June 28, 1843, to Frederick, Grand Duke of Mecklenburg-Strelitz, and has room Mary-Adelaide-Wilhelmina-Elizabeth, daughter of the late Duke of Cambridge, and cousin to her Majesty, born Nov. 27, 1833.

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Private Secretary—J. Thorntey.

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Ecclesiastical Commissioners — The
Archbishops, &c.
Clurch Estates Commissioners—Earl of
Chichester, Right Hon. E. P. Bouverie, Right Hon. G. H. Walpole.
Secretary—J. J. Chalk.
Assistant Secretary—G. Pringle.

EMIGRATION COMMISSION, 8, PARK-STREET, WESTMINSTER. Commissioners—T. W. C. Murdoch, S. Walcott. Secretary—J. Walpole.

ROYAL MINT, TOWER-HILL.

Master—T. Graham, F.R.S.

Deputy and Comptroller—W. H. Barton. METROP. BOARD OF WORKS,

SPRING-GARDENS.

Chairman—J. Thwaites.

Clerk—J. Pollard,

Engineer—J. W. Bazalgette.

TRINITY HOUSE.

TRINITY HOUSE,
TOWER-HILL.

Master—Viscount Palmerston.
Deputy—Capt. W. Pigott, R.N.
Secretary—P. H. Berthon.

HERALDS' COLLEGE,
DOCTORS' COMMONS.
Earl Marshal—Duke of Norfolk.
Deputy—Lord R. G. F. Howard.
Secretary—E. S. Dendy. JUDGE ADVOCATE-GENERAL'S

OFFICE,
35, GREAT GEORGE-STREET.
Judge Advocate-General—Right Hon.
T. E. Headlam.
Deputy—S. C. Denison.

GENERAL REGISTER OFFICE, SOMERSET-HOUSE.
Registrar-General—G. Graham.
Chief Clerk—T. Mann.

PUBLIC RECORD OFFICE,
ROLLS HOUSE, CHANCERY-LANE.
Master of the Rolls—Sir J. Romilly.
Deputy—T. H. Hardy.
Secretary—C. Roberts.

STATE PAPER OFFICE, DUKE-STREET, WESTMINSTER. Deputy Keeper—C. Lechmere. First Clerk—R. Lemon.

CHANCERY.
Lord High Chancellor—Lord Westbury.
Chief Secretary—A. B. Abraham.
Secretary of Presentations—J. Stuart.
Secretary of Commissions of Peace—
Hon, H. G. Campbell.
Registrar in Lunacy—C. N. Wilde.
Master of the Rolls—Sir J. Romilly.
Chief Secretary—W. G. Brett.
Under Secretary—W. G. Brett.
Under Secretary—A. Cox.
Accountant-General—W. Russell.
Lords Justices of Appeal—Sir J. L. K.
Bruce, Sir G. J. Turner.
Secretaries—E. R. Turner, L. K. Bruce,
Vice-Chancellors—Sir R. T. Kindersley,
Sir J. Stuart, Sir W. Page Wood.
Secretiries—H. T. Erskine, D. Stuart,
G. Whitbread.
QUEEN'S BENCH. CHANCERY.

QUEEN'S BENCH.

Lord Chief Justice—Sir A. J. E. Cockburn, Bart.

Judges—Sirs C. Crompton, C. Black-burn, J. Mellor, Wm. Shee.

Associate to Lord Chief Justice—Hon. H. E. Campbell.

COMMON PLEAS Lord Chief Justice—Sir W. Erle.
Judges—Sirs E. V. Williams, J. S.
Willes, J. B. Byles, H. S. Keating.
Associate to Lord Chief Justice—T. W.

EXCHEQUER.

Lord Chief Baron—Sir F. Pollock.

Barons—Sirs S. Martin, G. W. Bramwell, W. F. Channell, and Gillery

well, W. F. Channell, and Gillery Pigott.

Associate to Lord Chief Baron — H.
Pollock.

DUCHY OF LANCASTER,

LANCASTER, LANCASTER, LANCASTER, LANCASTER-PLACE, STRAND.
Chancellor—Right Hon. E. Cardwell.
Vice-Chancellor—W. M. James.
Attorney-General—Edward James.
Secretary—J. II. Gooch.
ADMIRALTY COURT,

ADMIRALTY COURT,
GODLIMAN-STREET.

Judge—Rt. Hon. S. Lushington, D.L.C.
Queen's Advocate—Sir R. J. Phillimore.
Advocate-General—T. Twiss, D.C.L.
Registrar—H. C. Rothery.
COURT OF ARCHES,
3, GODLIMAN-STREET.
Principal—Right Hon. S. Lushington.
Registrar—J. Shephard.
COURT. OF PROBATE AND COURT.

COURT OF PROBATE AND COURT COURT OF PROBATE AND COURT
OF MARRIAGE AND DIVORCE.
Judge Ordinary—Sir J. P. Wilde.
Registrars—A. F. Bayford, C. J. Middleton, E. F. Jenner, H. L. Strong.
Secretary—E. A. Wilde.
VIGAR-GENERAL'S OFFICE,
BELL-YARD, DOGTORS'-COMMONS,
Vicar-General—T. Twiss, D.C.L.
Registrar—F. H. Dyke.
FACULTY OFFICE,
10, GREAT KNIGHTRIDER-STREET.
Master—Right Hon. S. Lushington.
Registrar—Hon. J. Manners Sutton.
BANKRUPTCY COURT,
BASINGHALL-STREET.
Commissioners—J. S. M. Fonblanque,

Commissioners—J. S. M. Fonblanque, R. G. C. Fane, E. Holroyd, Serjeant E. Goulburn. Chief Registrar—J. F. Miller.

FEBRUARY.



WILD DUCK SHOOTING.

-		ANNALDECTION		SUN.		мо	ox.	DURATION OF MO	ONLIGHT.	нісн w	ATER AT	
D. OF	D. OF	ANNIVERSARIES, FESTIVALS,	70	Souths	C-4-	Rises,	Sets.	Before Sunrise.	After Sunset.	London Bridge.	Liverpool Dock.	Day
М.	W.	OCCURRENCES, ETC.	Rises.	Noon.	Sets.	Morn.	Aftern,	O'Clock.	O'Clock. 5 6 7 8	Morn. Aftern	Morn. Aftern.	Year.
1	w	New River commenced	н. м. 7 41		н. м. 4 48	н. м. 9 48	и. м. 11 58	5		5 27 5 49	2 27 2 50	32
9	1	Purification, Candlemas Day	7 39	14 3	$\frac{4}{4} \frac{40}{50}$	10 17	Morn.			6 12 6 37	3 15 3 38	
3	1	Blaise	7 38	14 10	4 51	10 53	1 13	6		7 0 7 24	4 2 4 32	34
	0	Fair on Thames, 1814	7 26	14 10	$\frac{4}{4} \frac{51}{53}$	11 35	$\frac{1}{2} \frac{13}{22}$	0		7 54 8 29	5 7 5 46	
4	·		7 34	14 10	$\frac{4}{4}$ 55		3 24	8		9 8 9 48		
1	_	5TH S. AFT. EP. Agatha Length of day 9h. 24m.	7 99	14 20	4	Aftern.	4 3 0	9		10 31 11 15	7 53 8 31	37
		Mean Daily Temperature, 37 deg.	7 21	14 24	$\begin{array}{c} 4 & 57 \\ 4 & 59 \end{array}$	$\frac{1}{2}\frac{13}{14}$	_			11 53 —	9 6 9 34	38
8	-	Mary Queen of Scots beheaded, 1587	7 29	14 27	5 0		5 5 5 5 45	10		0 28 0 56		39
0	1	Day breaks, 5h. 33m.	7 27		$\begin{array}{ccc} 5 & 0 \\ 5 & 2 \end{array}$	4 20	6 17	- 17,777 //// Comment		1 20 1 43		40
10		Twilight ends 7h, 0m.	7 26		5 4	5 24	6 45	13		2 4 2 23	10 12 1	41
11	S	Commercial Treaty, 1860	7 24		5 6		7 10	15		2 40 2 59	11 53 —	42
12		SEPTUAGESIMA	7 99	14 30	5 8	7 30	7 33	16		3 15 3 30		
13	~	Length of day 9h, 50m.	7 20	14 20	5 10	8 34	7 54	17		3 47 4 1	0 39 0 56	
14		St. Valentine	7 18	14 29	$\frac{5}{5}$ 12	9 37	8 16	18		4 18 4 33		
15		Massacre of Glencoe, 1692	7 16	14 20	5 13	10 40	8 38	19	4	4 48 5 3	1 41 1 55	1
16	1	Dr. Kane died, 1857	7 14	14 20	5 15	11 43	9 2			5 17 5 32		
12		Michael Angelo died, 1561	7 19	14 15	5 17	Morn.	9 31	20		5 48 6 6		48
18	1 .	Luther died, 1546	7 10	14 10	5 19	0 46				6 23 6 43		
1		SEXAGESIMA	7 8	14 4	$\frac{5}{5} \frac{13}{21}$	1 48	10 43	23		7 6 7 33		
2			7 6		5 22	2 46	11 32	24		8 2 8 37	5 15 5 58	
2	-	Day breaks 5h. 11m.	7 4		5 24	3 39	Aftern.	25		9 20 10 4	0 10 701	52
2			7 2	13 43	$5 \ 26$	4 28	1 35	26		10 46 11 28	8 8 6 8 42	
2		I Twilight ends 7h. 21m.	7 0			1	2 48	27		- 0 4	9 12 9 37	54
2	1		6 58		5 30	1		28		0 34 0 59	10 1 10 27	55
1 2	- 1		6 56		5 31	6 18		O		1 23 1 49	10 51 11 12	
2		NO S MILLION OF THE STATE OF TH	6 54	13 6	5 33		6 54	1		2 13 2 34	111 34 11 57	57
1 2		Mean Daily Temperature, 40 deg.	6 52		5 35		8 17	2		2 56 3 19	-019	58
1 2		Shrove Tuesday	6 50		5 37	1		3		3 41 4	0 39 1 1	59
						-						



MISS BATEMAN AS LEAH.-FROM "THE ILLUSTRATED LONDON NEWS."

MANY thousands of the London playgoers have been enchanted with the power and grace of Miss Bateman's touching dramatic representation of Leah, the effect of which can be compared to nothing of its kind upon the stage of late years, except the noblest efforts of Adelaide Ristori. Miss Kate Josephine Bateman was born at Baltimore in 1842. She was a precedual child, one of "the Bateman family," when she was exhibited in this country eleven or twelve years ago. She has since, we believe, spent much time in private study, and her reappearance on the stage took place in 1859. She then successively performed, in the principal American Theatres, the parts of Evangeline, founded on Longfellow's poem of that name. Geraldine, in a play written for her by Mrs. Bateman, her mother; Julia, in Sheridan Knowles's play of "The Hunchback;" Pauline, in "The Lady of Lyons;" and Shakspeare's Juliet and Lady Macbeth. Our Engraving represents Miss Bateman in her well-known character of Leah. The energy of this actress is undoubted, and her intelligence enables her to surmount the difficulties of a somewhat inflexible organ, and gives to her performances something more than a mere semblance of passion. And in the height of her despair, after the marriage of her lover with her Christian rival, when with a broken heart she pronounces the dreadful malediction on the Torrenz family and leaves the fatal spot where she had suffered more than a common persecution, her acting

was not only effective, but very meritorious. Apart from its character as illustrative of Jewish feeling in the utterance of the curse, this scene has a domestic interest which, on the stage, is always certain to be effective; and in combination with a strong situation and high feeling, it is not to be wondered at that such an interest should make a deep impression on the public.

STATISTICS OF CITY MARKETS.—Leadenhall yielded an income amounting to £28,242, the costs of management amounted to £9689; Newgate Market produced a total revenue of £43,561, the expenses were £8219; Farringdon produced £9789, and cost £11,085, which is a very bad case indeed; Smithfield produced in dues £18,147, and by tolls, £4214 a total of £22,361; the expenses of management were £12,993. Billingsgate contributed to the exchequer £50,018, and cost in ordinary expenditure £23,857. There are two other charges on Billingsgate—namely, £126 for deepening the river and £808 law charges on metage of systers. Street tolls were prolific of income once upon a time, but as in 1854 they were discontinued there are but two entries under this head. In 1853 and 1854 the produce of street tolls was £11,620, but there is no entry of expenses, and we must suppose that they have crept into some mixture of incidentals and casuals.

FERNS AND BUTTERFLIES. JANUARY AND FEBRUARY.

JANUARY AND FEBRUARY.

BOTANICAL rambles in the fields in search of wild flowers are now almost impossible; yet to the lover of nature there is much to attract in a country walk on the crisp, hard ground, and even the collector need not leave his vasculum behind him; for there are objects of interest to be found which are certain to be overlooked during the gayer time of summer, when the fields wear their most showy attire. During the past dark winter months we may perhaps have discovered that there is something universal in the law that ascribes the highest excellence to many things which are unseen and hidden and have to be sought for to be found. It is not those qualities which attract the eyes or the senses generally that should alone recommend to notice; neither must we forget that the very evident beauties of our summer flowers often clenizens of the field and forest. Many of these have been there all the summer long; some only attain their beauty after the heat of the sun is gone; but so busy have we been with the bright colours of the light-loving flowers that we have scarcely observed the delicate forms of the light-loving flowers that we have scarcely observed the delicate forms of the light, or the rich colours of the many fungi which now cover every tree, and paling, and bit of old wall we pass. The fungi include some of the most curious of vegetable forms, and it would be difficult to say where they may not be found. Not only are shady woods, mossy dells, secluded lanes, and green pasture the habitats of fungi; but we meet with them in almost every situation where vegetable life is possible, and traces of them where it is not. Wherever evegetable life is possible, and traces of them where it is not. Wherever decaying vegetable matter exists, we may expect to find a new race flourishing amid the debris, as in the decay of the garden of the sensitive plant described by Shelley by Shelley-

And plants, at whose name the verse feels loath Fill'd the place with a monstrons undergrowth, Prickly, and pulpons, and blistering, and blue, Livid and starr'd with a lurid line.

And agaries and fungi with mildew and mould Started like mist from the wet ground cold; Pale, fleshy, as if the decaying dead With a spirit of growth had been animated.

Their mass rotted off them flake by flake, Till the thick stalk stack like a murderer's str Where rags of loose flesh yet tremble on high. Infecting the winds that wander by,

Their mass rotted off them fake by flake,

Till the their stage stage also an university stake,

Infecting the winds that wander by.

Infecting the winds that wander by.

But we must not suppose that all fungi merit this terrible description. One of the commonest is R. edulis, which is the fungus represented in our Plate, and which, in the opinion of some, is seasedly infector to the best nucliroom in flavour. Dr. Endland space—"I be the plain and to the accomplished cook. It impurts a relish allike to the homely hash and to the accomplished cook. It impurts a relish allike to the homely hash and the dainty ragout, and may be said to improve every dish of which it is a constituent." Let us not, however, encourage the rush partaking of these dainties by those who have not studied the differences in the species. Some boleti are very unwholesome and almost poisonous; perhaps those most attractive to the eye are the least fit for food. Whilst looking for fungi we shall be sure to come across lichens of various formsperennial plants, spreading over rocks, trees, and other dry places. One great distinction between lichens and fungi is, that whilst the latter are found always growing on dead and decayed substances, the former very commonly grow on the living bars of trees, in the midstof active life, and healthy vigorous plants. In send quiet delis as we hope to find ferns, there we shall probably see lichens; but it is in the winter, chiefly, we observe them. In the early development of ferns we are often reminded of the lichen, and the green membranous mass in which it first appears greatly resembles the form of some of that family. The tiny spore which is the origin of the fern is the representative of the bud in higher plants, although it is often thought to be the seed. If we watch its development of which are held plaintiful, containing in their interior little ovoid bodies, which are the rock, it begins to expand into the form of a green membranos mass, on account of its resemblance to the fronds of the commo But we must not suppose that all fungi merit this terrible description

trees, where, clinging to the topmost boughs and investing the rugged trunks with their green sprays, they display a luxuriance and beauty unknown to British ferns. Tree ferns of exquisite grace and form grow in the tropical forest. Whether, however, of humble growth, or rising to the height of twenty or thirty fect or more, they have all the same formation of stem—consisting entirely of a mixture of woody and cellular tissue. An Eastern traveller, when referring to the marvellous tree ferns which he saw in an Australian forest, says:—"One might almost fancy that the tall dense forests around it had drawn up the well-known shrub, or rather weed, of our English deer parks into a higher order of the vegetable family. When I left England some of my friends were fern mad, and were nursing little microscopic varieties with vast anxiety and expense. Would that I could place them for a minute beneath the patulous numbrella of this magnificent species of Cryptogamia." On the forks of some of the old timber trees in this favourable region grow also the stag's-horn fern (Aerosticum aleicorne), as large as the largest cabbage, the fronds exactly resembling the palmated antiers of the moose and the rein deer. The luxnrious and picturesque growth of other species of ferns, some of which hang on the branches of trees or form a massive undergrowth to the towering ferns from whose tops spring large, waving fronds, are subjects for the pen and the pencil of all travellers in these regions. Baron Humboldt abounds in descriptions of the ferns in these regions. Baron Humboldt abounds in the serious descriptions of the ferns in these regions. Baron is growth of the ferns of that island, Humboldt remarks that the densest of shade is produced by these arborescent ferns in the American forests. He describes some of the old trunks of these ferns as having a metallic lastre, owing to a carbonaceous powder with which they are covered; and he adds that no other plant exhibits this phenomenna.

The nature of the stems of ferns is the same trees, where, clinging to the topmost boughs and investing the rugged trunks

that shami. Humbold remarks that the denset of shade is profueed by these orthorseem froms in the Amoriean forests. In describes some of the old trunks of these ferms as having a metallic instre, owing to a carbonaceous powder with which they are covered; and he adds that no other plant exhibits this phenomenna.

The nature of the stems of ferms is the same in all cases; but where the stem is perennial, and does not wither down and die with the fronds, it consists of the remains of the successive annual developments of the fronds. The fronds vary very rough in form, in size, and also in duration. Sometimes the form of a like a long matter minher of our native ferms have their fronds divided into numerous branches and segments. When the blade is undivided it is called earlie. When it is scalledped out and the indentations do not reach the midrib, or central line, running up the frond, it is said to be pinnatified. When the indentations reach the midrib and leave a series of little leatlets, or pinne, the frond is said to be pinnated. The pinner may be again divided own to their veins, or ribs, and the frond is then called biplinate, or twice-cent. Whi said to be decompound. The latter does not, however, often occur in British species. The more vigorous specimens of our common brakes occasionally present it. When the fronds are first formed in the bud they are rolled up in a peculiar way, and these singular serol-like forms must often have been observed by all who notice our hedgebanks in the arry spring, for there they may often be seen in company with wild amenous, bluebells, and clumps of primaress. The whole frond is rolled up from the bold they are rolled up in a peculiar way, and these singular serol-like forms must often have been observed by all who notice our hedgebanks in the exception of the adder's-tongue and moonwort, have this circinate. All British ferns, with the exception of the adder's-tongue and moonwort, have this circinate and the spring the spring the spring the product of the spring the spr

THE CALENDAR.

PRINCIPAL ARTICLES OF THE CALENDAR FOR THE YEAR OF OUR LORD 1865.

			Gregorian, or	Julian, or
			New Calendar.	Old Calendar.
Golden Number	 	 	4	4
Epact	 	 • •	3	14
Solar Cycle	 	 	26	26
Roman Indiction	 	 	8	8
Dominical Letter	 	 	A.	C
Septuagesima	 	 	Feb. 12	Jan. 31
Ash Wednesday	 	 	March 1	Feb. 17
Easter Sunday	 	 	April 26	April 4
Ascension Day	 	 	May 25	May 13
Pentecost Whit Sunday	 	 	June 4	,, 23
1st Sunday in Advent	 	 	Dec. 3	Nov. 28

The year 1865 is the latter part of the 5625th and the beginning of the 5626th year since the creation of the world, according to the Jews. The year 5626 commences on Sept. 21, 1865.

The year 1865 answers to the 6578th year of the Julian Period, to the 2618th from the foundation of Rome, to the 2641st year of the Olympiads, and to the year 7373-4 of the Byzantine Era.

The year 1282 of the Mohammedan Era commences on May 27, 1865, and Ramadân (month of abstinence observed by the Turks) commences on Jan. 28, 1865.

CALENDAR OF THE JEWS FOR THE YEAR 1865.

5625.		1865.		NEW MOONS AND FEASTS.
Tebetli	10	January	8	Fast: Siege of Jerusalem
Schebat	1	,,	28	
Adar	1	February	27	
11 March		9	Fast of Esther	
,,	14	22	12	Purim
,,	15	,,	13	Schuschan Purim
Nisan	1	,,	28	
,,	15	April	11	Passover begins*
,,	16	22	12	Second Feast*
,,	21	,,	17	Seventh Feast*
,,	22	,,	18	Eighth Feast*
Ijar	1	,,	27	
,,	18	May	14	Lag B'omer
Sivan	1	,,	26	
,,	6	,,	31	Feast of Weeks*
. 11	7.	June	1	Second Feast*
Thamuz	1	>>	25	
,,	17	July	11	Fast: Seizure of the Temple
Ab	1	, ,,	24	T
-,,	15	August	1	Fast: Destruction of the Temple*
Elul	1	,,	23	
5326.	•	~	0.7	77 77 1.77 .13
Tischri	1	September	21	New Year's Feast*
,,	2	,,	22	Second Feast*
,,	4	"	24	Fast: Death of Gedaliah
21	10	,,,	30	Fast: Day of Atonement*
22	15	October	5	Feast of the Tabernacles*
,,	16	,,,	6	Second Feast*
,,	21	,,	11	Feast of Branches
,,	22	,,	12	End of Feast of Tabernacies
,,,	23	, ,,	13 21	Feast of the Law*
Marsches.	1	27 21		
Kistev	1	November	19 13	Feast of the Dedication of the Temple
,,,	25	December	19	reast of the Dedication of the Temple
Tebeth	1	,,,	28	Fast: Siege of Jerusalem
91	10	1866.	28	rast: biege of befasatem
	,		17	
Schebat	1	January		
		Those marke	d wit	h an asterisk are strictly observed.

BEGINNING OF THE SEASONS, 1865.

Sun ,, ,,	;; ;;	Aı Ca Li	pricornus ies ncer bra pricornus	"	Sprin	ng mer imn	,,	1865,	June Sept.	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	6 p.n 45 a.n 0 a.n	1. n.
The	Sun		consequer	,,			,, Winter	.,		89 1	3	
	"	"	"		"		Summe	er ,,		92°20 93°14	15	
	,,	,,	"		"		Autum	,,		89 17		
The	Sun	naner	Quarter is	s the	erefor	9 4	days 13	nour.	s and	12 mi	outes 10	ng

than the Winter; 3 days 20 hours and 26 minutes longer than that Autumn; and 17 hours and 36 minutes longer than that of Spring.

The Sun will be on the Equator and going North	March	n. 1 20	2	м. 6 р.т.,	his declin	. bein	ıg ő	ó	0
greatest North declination	June	21	10	45 a.m.	"	,,	23	27	16
The Sun will be on the	Sept.	23	1	0 a.m.	,,	,,,	0	0	0
The Sun will reach his greatest South declination	Dec.	21	G	49 p.m.	,,	,,	23	27	15
ma a till to Mouth of the	ha Tama	+020	Coor	anniein a f	he period	= of S	mrin	000	ind

The Sun will be North of the Equator (comprising the periods of Spring and Summer) 186 days 10 hours 54 minutes.

The Sun will be South of the Equator (comprising the periods of Autumn and Winter) 178 days 18 hours 52 minutes.

MOHAMMEDAN CALENDAR FOR THE YEAR 1865.

Year.	Name of the Months.				Month be	egins.
1281.	Schabân I				December a	
**	Ramadân I		• •			28, 1865.
,,	Schewwâl I		• •	• •		27
12			••	••		077
1282.	25 1 Y		••	• •		27 ,,
	Safar I.		• • •			26 ,,
"	Rebî el-awwel I.					25 ,,
"	Rebî el-accher I					24 ,,
"	Dschemâdi el-awwel I.	• •	• •	• •	September	00
"	Dschemâdi el-accher I.	••	* *	• •	November	
22	Redscheb I				December	
"	Ramadân				 January	18, 1866.
,,,	protection and the contract of					

LAW TERMS, 1865.

As settled by Statutes 11 Geo. IV., and 1 Will. IV., cap. 70, s. 6 (passed July 23, 1830); and 1 Will. IV., cap. 3, s. 2 (passed Dec. 23, 1830).

Hilary Term	 begins	January	11	and ends	January	31
Easter Term		April	15	,,	May	11
Trinity Term	 ,,	May	25	**		15
Michaelmas Term	 27	Novembe	er 2	,,	November	25

UNIVERSITY TERMS, 1865. OXFORD.

TERM.	BEGINS.	ENDS.	
Lent	January 14 April 26 June 7 October 10	April 8 June 3 July 8 December 18	

CAMBRIDGE.

		CALLET IN THE					
TERM.		BEGINS.	DIVIDES.	ENDS.			
Lent Easter Michaelmas	::	January 13 April 21 October 1	Feb. 24, Noon. May 22, Midnight Nov. 8, Noon.	April 7 June 23 Dec. 16			
		Tilo	Commencement, June 20.				

ASTRONOMICAL SYMBOLS AND ABBREVIATIONS.

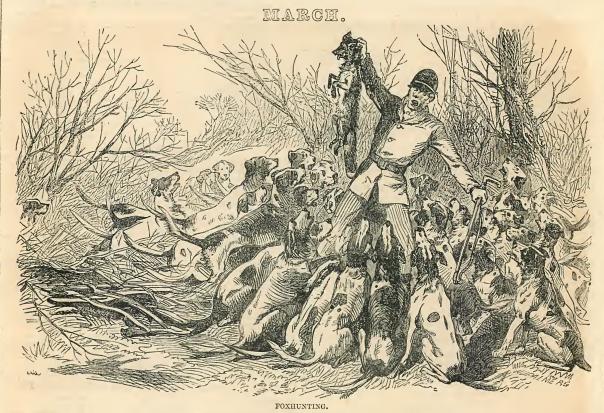
ł	ASILUMUMIUM	DI BIDIOTO TITO TIP	Digit (Lilia Carro
ı	O The Sun	27 Enterpe	62 Erato
		28 Bellona	63 Ausonia
			64 Augelina
		30 Urania	65 Maximiliana
		31 Euphrosyne	66 Maia
		32 Pomona	67 Asia
	8 Mercury	33 Polyhymnia	68 Leto
	Q Venus	34 Circe	69 Hesperia
	⊕ or & The Earth	35 Leucothea	70 Panopea
	& Mars	36 Fides	71 Niobe
	⊋ Ceres	37 Atalanta	72 Feronia
	Pallas		73 Clytie
	# Juno g Vesta	38 Leda	74 Galatea
	g Vesta	39 Lætitin	75 ——
	5 Astrea	40 Harmonia	76 Freia
	6 Hebe	41 Daphne	77 ——
	7 Iris	42 Isis	78 Diana
	8 Flora	43 Ariadne	
	9 Metis	44 Nysa	4 Jupiter
	10 Hygeia	45 Engenia	h Saturn
	11 Parthenope	46 Hestia	H Uranus
	12 Victoria	47 Aglaia	P Neptune
	13 Egeria	48 Doris	
	14 Irene	49 Pales	' Minutes of Arc
	15 Eunomia	50 Virginia	" Seconds of Arc
	16 Psyche	51 Nemausa	D Days
	17 Thetis	52 Europa	H Hours
	18 Melpomene	53 Calypso	M Minutes of Time
	19 Fortuna	54 Alexandra	S Seconds of Time
	20 Massilia	55 Pandora	⊙ Sunday
	21 Lutetia	56 Meiete	D Monday .
	22 Calliope	57 Mnemosyne	3 Tuesday
	23 Thalia	58 Concordia	ğ Wednesday
	24 Themis	59 ——	# Thursday
	25 Phocea	60 Danie	9 Friday
	26 Proserpine	61 Echo	5 Saturday
	26 Froscipine	on, or having the same Long	gitude or Right Ascension
	The Symbol & Conjunction	on, or having one same Lon	Di ligit Illiano

d Conjunction, or naving the same Longitude or Right Ascension ☐ Quadrature, or differing 90 in Longitude or Right Ascension.

2 Opposition, or differing 180 in Longitude or Right Ascension.

FIXED AND MOVABLE FESTIVALS, ANNIVERSARIES, &c.

TIMES REID ELOVE	
Epiphany Jan. 6 Ascension Day Holy Thursd.	May 25
Epiphany Feb. 12 Pentecost—Whit Sunday	June 4
	. 11
Onivergageing Shrove Sund 26 Trinity Sunday	
Ash Wednesday March 1 Corpus Christi	,, 15
Alsh Hethadate	,, 20
	21
Quadragesima-1st Sunday \ 5 Proclamation	
in Lent St. John Baptist—Midsum-	24
	,, ~-
Ob. Liberton	
Annunciation—Lady Day ,, 25 St. Michael — Michael michaelmas	Sept. 29
notes Conden . April 9 Day	Nov. 9
Good Friday , 14 Birth of Prince of Wales	
FACTOR SUNDAY 16 St. Andrew	,, 30
EASIER SOUDEL	Dec. 3
	0.4
St. George , 23 St. Thomas	
Rogation Sunday May 21 CHRISTMAS DAY	,, 25
Troughtton Consumy	
Birth of Oneen Victoria ,, 24	



-		1											
D.	D.	ANNIVERSARIES,		SUN.	мо	ox.	DURATION	ог мо	ONLIGHT.	HIGH V	ATER AT		
OF M.	OF W.	FESTIVALS, OCCURRENCES, ETC.	Rises.	Souths after Sets.	Rises.	Sets.	Before Sunrise.	B	After Sunset.	London Bridge.	Liverpoo	ol Dock.	Day
A1.	".	occumences, Etc.		Noon.	Morn.	Aftern,	O'Clock.	Moon's Age.	O'Clock,	Morn. Aftern.	Morn.	Aftern.	Year.
1	W	ASH WNSDAY. St. David		м. s. н. м. 2 32 5 39	H. M.	Н. М.	3 4 5 6 7		6 7 8 9	н. м. н. м		н. м.	
2		St. Chad			8 18	10 57		影響		4 23 4 4		1 44	60
3	F	Day breaks 4h. 50m.			8 53	Morn.		5		5 6 5 27	1	$2 \ 26$	61
4	S		0 10 1	2 - 1 - 1 -	9 33	0 11		16		5 48 6 19		3 13	62
5		Twilight ends 7h. 36m.	6 41 1	11 54 5 44	10 20	1 17		0		6 35 7	3 39	4 6	63
6	S	QUADRAGESIMA. IST SUND		1 40 5 46	11 12	2 13		8		7 28 8 0	4 38	5 15	64
0	1V1	Length of day 11h, 11m.	6 36 1	1 26 5 47	Aftern.	3 3		9		8 37 9 2	5 59	6 42	65
/		Perpetua	6 34 1	1 12 5 49	1 9	3 46		10		10 4 10 47	7 25	8 8	66
8		Mean Daily Temperature, 40 deg.	6 32 1	0 57 5 51	2 13	4 21				11 30 —	8 44	9 12	67
9	-	Rizzio assassinated, 1566	6 30 1	0 41 5 53	3 15	4 49		12		0 6 0 3	9 38	10 1	68
10		Prince of Wales married, 1863	6 28 1	0 26 5 54	4 19	5 14	1	13		1 0 1 23	10 20	10 38	69
11		Income Tax imposed, 1842	6 25 1	0 10 5 56	5 22	5 37		0		1 42 2 (10 56	11 12	70
12		2ND SUNDAY IN LENT	6 23	9 53 5 58	6 25	6 1		15 16		2 18 2 34	11 28	11 43	71
13	\mathbf{M}	St. Gregory	6 21	9 36 5 59	7 29	6 21		16		2 50 3	11 57		72
14	Tu	Byng executed, 1757	6 19	9 20 6 1	8 32	6 44		17		3 19 3 33		0 27	73
15	W	Earl St. Vincent died, 1823	6 16	9 26 3	9 35	7 8		13		3 49 4 3	1	0 57	74
16		Duchess of Kent died, 1861	6 14	8 45 6 4	10 37	7 34		19		4 19 4 35		1 28	75
17	F	St. Patrick	6 12	8 27 6 6	11 38	8 6		20		4 50 5		1 58	76
18	S	Princess Louisa born, 1848	6 9	8 10 6 8	Morn.	8 41		21		5 20 5 37	2 15	2 34	77
19	S	3RD SUNDAY IN LENT	6 7	7 52 6 10	0.36	9 26		21 22		5 56 6 16	2 54	3 17	78
20		Length of day 12h, 6m.	6 5	7 34 6 11	1 30	10 17		O		6 39 7		4 8	79
21	Tu	Knights Templars suppressed, 1312	6 3	7 16 6 13	2 19	11 18		24		7 30 8 3		5 23	80
22	W	Mean Daily Temperature, 41 deg.	6 0	6 57 6 15	3 2	Aftern.		25		8 45 9 29		2 ==	81
23	Th	National Gallery founded, 1824	5 58	6 39 6 16	3 40	1 40		26		10 13 10 50	-	6 51 8 12	82
24		Queen Elizabeth died, 1603		6 21 6 18	4 12	3 0		27		11 34 —	8 44	9 13	83
25	S	Annunciation. Lady Day	5 53	6 26 20	4 44	4 22		28		0 6 0 35			84
26	S	4TH SUNDAY IN LENT		5 44 6 21	5 13	5 44		29.		1 0 1 23	000	10 47	
27				5 25 6 23	5 43	7 7		0		1 47 2	10 25 1	11 32	85 86
28	Tυ	Abercrombie died, 1801	-	5 7 6 25	6 14	8 30	Marie Marie			$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		11 32	87
29	W	Day breaks 3h. 45m.		4 49 6 26	6 49	9 49		2		3 16 3 37	0 15	0.27	88
30	TH		- 10	4 30 6 28	7 28	11 0					1 0	0 37	
31	Tal			4 12 6 30	8 14	Morn.	Harry Harry			$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1 15	1 23	89
	-			- 12 0 00	C. 141	atorn.	The attraction of the	A Annual Par		4 40 0 /	1 45	2 7	90

THE ILLUSTRATED LONDON ALMANACK FOR 1865!



STAMP AND OTHER GOVERNMENT DUTIES.

RECEIPTS.

One Penny.

For £2 and upwards

N.B. Persons receiving the money are to pay the duty.

Receipts may be stamped within fourteen days of date on payment of £5, or within one month on payment of £10, penalty: after that time they

or within one month on payment of Eio, penaity: after that thine cannot be stamped.

Penalty for giving a receipt without a stamp
Penalty for not effectually cancelling or obliterating adhesive stamps when used
Penalty for frauds in the use of adhesive stamps

AGREEMENTS (NOT UNDER SEAL).

of the value of £5 or upwards
If the agreement contains 2160 words, or upwards, then for every
quantity of 1080 words over the first 1080 a further progressive
duty of

duty of

Exemptions.—Letters containing any agreement in respect of merchandise, by post, between merchants or traders in Great Britain or Ireland, residing, and actually being, at the time, at the distance of fifty miles from each other; agreements relating to sale of goods; to hire of labourers, servants, and seamen; and to rack-rent leases under £5 per annum.

Agreements may be stamped within fourteen days after date without penalty, and at any time after fourteen days on payment of £10 penalty.

LEASES AND CONVEYANCES.

Lease or Tack of any lands, tenements, hereditaments, or heritable subjects, at a yearly rent, for less than thirty-five years, or less than a year, without any sum of money by way of fine, premium, or grassum paid for

Exceed. £5 and not exc. £10 . . 1 0 | Exceed. £25 and not exc. £50 . . 5 0 | Exceed. £5 and not exc. £10 . . 1 0 | , , 50 , , 75 . . 7 6 | , 10 , 15 . . 1 6 | , 75 , 100 . 10 0 | , 15 , 20 . . 2 0 | , 100, then for every £50 , 20 | , 25 . . 2 6 | or any fractional part of £50 . . 5 0 | Lease or Tack of any lands, tenements, hereditaments, or heritable subjects, for any term of years exceeding thirty-five, at a yearly rent, with or without any sum of money by way of fine, premium, or grassum.

					exceedi 100 Yea	ng	exceeding 100 Years.
Where yearly rent not	exceeding	£5			£ s 0 3	d. 0	£ s. d. 0 6 0
And where exceeding		exceeding	g £10		0 6	0	0 12 0
,,	10	,,	15 .		0 9	0	0 18 0
,,	15	,,			0 12	0	1 4 0
"	20	,,	25 .		0 15	0	1 10 0
,,	25	,,	50 .		1 10	0	3 0 0
>>	50	,,			2 5	0	4 10 0
77 21 07 07	75	,,	100 .		3 0	0	6 0 0
Same exceeding £100, for any fractional pa	then for e rt of £50	every £50,	and also	6	1 10	0	3 0 0

for any fractional part of £50

And where any such Lease or Tack as aforesaid shall be granted in consideration of a fine, premium, or grassum, and also of a yearly rent, such Lease or Tack shall be chargeable also, in respect of such fine, premium, or grassum, with the ad valorem stamp or conveyances, pursuant to the 13th and 14th Vict., c. 97. see below.

Duplicate or Counterpart are chargeable with Progressive Duty, as under the 13th and 14th Vict., c. 97.

LICENSE TO DEMISE Copyhold Lands, Tenements, or Hereditaments, or the Memorandum thereof, if granted out of Court, and the Copy of Court Roll of any such License, if granted in Court:

Where the clear yearly value of the estate to be demised shall be extended as yearly rent equal to such yearly pressed in such license, and shall value, under the Act of the 13th and not exceed £75.

And in all other cases, 10s.

Conveyance (pursuant to 13th and 14th West., c. 77).

	Co	NVEYA	CE (pursua	nt to	13	th	an	d	14th 1	Viet	c. 97):-		٥	s.	đ
I	Pure	hase c	or conside	ratio	n				Exe.	£200	and not exe.	£225	7	9	6
	mo	ney ex	pressed:			£	8.	d.		225	**	250			
N	Tot (exceedi	ng £25 .			0	2	6	,,	250	"	275			
E	exc.	£25 an	d not exe.	£50		0	5	0	,,	275		300			
	,,	50	,.	75					,,	300	"	350			
	,,	75	27	100		0	10	0	,,,	350	"	400			
	17	100	22	125		0	12	6	- ''	400	"	450			
	12	125	22	150					"	450	"	500			
	22	150	"	175					"	500	"	550			
	"	175	22	200						550	"	600			
	"		"		• •	~		0	27	000	22	000	 0	U	V

LETTER OR POWER OF ATTORNEY.

Letter or Power of Attorney, or commission or factory in the Letter or Power of Attorney, or commission or factory in the nature thereof.

And where the same, together with any schedule or other matter put or indorsed thereon, or annexed thereto, shall contain 2160 words or upwards, then for every entire quantity of 1080 words contained therein, over and above the first 1080 words, a further progressive duty of 20s. under 55th George III., but under Act of 1850 Power for payment of an annual sum not exceeding £10, or a sum not exceeding £20

0 5 0

ADMISSIONS

AUMIDDIONS.			
To act in any Court as Advocate			£50
To the degree of a Barrister at law in England or Ireland As Attorney, Solicitor, or Proctor in England or Ireland			50
To act as Notary Public in England	::	:	25 30
To be Fellow of College of Physicians		• • •	25
To a Corporation in respect of privilege To ditto any other ground			1
To ditto day other ground			2

BILLS OF EXCHANGE,

INLANE BILL OF EXCHANGE, DRAFT, or Order for Payment to the Bearer, or to Order, at any time otherwise than on Demand, of any sum of money:—

 $\begin{array}{c} . & . & . & 0 \\ \pounds 10 & . & 0 \\ 25 & . & 0 \\ 50 & . & 0 \\ 75 & . & 0 \\ 100 & . & 0 \\ 200 & . & 0 \\ 300 & . & 0 \\ 400 & . & 0 \\ 500 & . & 0 \\ 755 & . & 0 \\ 0 & . & 0 \\ \end{array}$ Exc. £5 and not exe. £10 10 ,, 100 200 300 400 500 750 500 750 1000 1000 7.500 1500 2000 3000 .. 1 0 0 4000 0.0

duty of 10s. per £1000.

FOREIGN BILL OF EXCHANGE drawn in, but payable out of, the United Kingdom—if drawn singly, or otherwise than in a set of three or more—the same duty as on an Inland Bill of the same amount and tenor. If drawn in sets of three or more, for every bill of each set where the sum payable thereby shall

Not exceed £25 ... 0 1

Above £25 and not ever £50 ... 0 2

as Inland Bill.

Ditto, exceeding £500, 1s. per£100.

Foreign Bill of Exchange drawn out of, and payable out of, the United Kingdom, but indorsed or negotiated within the United Kingdom, same duty as on Foreign Bill drawn within the United Kingdom and payable out of the United Kingdom.

Bills indorsed out of the United Kingdom the same only as on Inland Bill, otherwise than on demand.

PROMISSORY NOTES, &c.

Not exceeding £5 ...

Duty on Foreign Bills drawn out of the United Kingdom to be denoted by adhesive stamps.

PROMISSORY NOTE for the Payment in any other manner than to the Bearer on Demand of any sum of money:-

Promissory Note for the payment, either to the Bearer on Demand, or in any other manner than to the Bearer on Demand, of any sum of money:—

Exc. £100 and not exc. £200 ... *** 400 500 750 1000 2000 3000 £4000 and upwards, 10s. per £1000.

APPRENTICES' INDENTURES.

Where no money is paid .. Under £30 For £30 and under £50 50 100 200 " 200 300 400 500 12 20 25 30 40 50 60 ;; ;; ;; 600 ,, 600 ,, 800 ,, 800 ,, 1000 ,, 1000 and upwards 800

Contracts to serve as Artificers, Servants, Clerks, Mechanics, or La-bourers, in the British Colonies are exempted from stamp duty.

PROTESTS.

On any bill or note where the stamp duty on same does not exceed 1s., the same duty as on the bill or note. On any other bill or note . 1s. 0d. Of any other kind . . . 1 0 Bill of lading 0 6 (Cannot be stamped after execution.)

(Charterparty 5 0 (Charterparty may be stamped within fourteen days after execution free of penalty; within one month, £10 penalty; after one month, cannot be stamped.)

CHEQUES, DRAFTS, OR ORDERS ON DEMAND.

All Drafts, Warrants, or Orders for the payment of money are charge-able with a stamp duty of one penny, by using an adhesive receipt stamp, which must be cancelled by the person drawing the cheque, draft, or order, by writing his name on the stamp.

BONDS AND MORTGAGES.

BONDS AND MORTGAGES.

Not exceeding ... £50 .. 1s. 3d. | Exc. £150 and not exc. £200 ... 5s. 0d. Exc. £50 and not exc. 100 ... 2 6 | , 200 , 250 ... 6 8 , 100 , 150 ... 3 9 | , 250 , 300 ... 7 6 And where the same shall exceed £300, then for every £100, and also for any fractional part of £100, s 6d. And where any such bond or mortgage shall contain £160 words or upwards, then for every entire quantity of 1080 words contained therein over and above the first 1080 words there shall be charged the further progressive duty following—viz., where such bond or mortgage shall be charged the further progressive duty following—viz., where such bond or mortgage shall be charged the further progressive duty equal to the amount of such ad valorem duty or duties. And in every other case a further progressive duty of 10s. See, as to Inland Revenue Bonds, the 18th and 19th Vict., c. 78, s. 6.

PATENTS FOR INVENTIONS -STAMP DUTIES ON.

PATENTS FOR INVENTIONS—STAMP DUTIES ON.
On petition for grant of lotters patent.
On certificate of record of notice to proceed.
On warrant of law officer for letters patent.
On the sealing of letters patent.
On specification
On the letters patent, or a duplicate thereof, before the expiration of the third year.
On the letters patent, or a duplicate thereof, before the expiration of the seventh year
On certificate of record of notice of objections
On certificate of record and inspection
On certificate of every search and inspection
On certificate of centry of assignment or license
On capilication for disclaimer
On caveat against disclaimer 0 0 50 0 0

0 0 0 0 2 Õ

STAMP AND OTHER GOVERNMENT DUTIES.

PROPERTY AND INCOME TAX.

PROPERTY AND INCOME TAX.

From April, 1864, to April, 1865, all incomes of £100 per annum and not exceeding £200 are taxed at the rate of 6d. in the pound, after allowing a deduction of £60: for example, a man earning £100 will be rated only at £40; those of £200 and upwards, at 6d. in the pound.

Exemption of Premiums from Income Tax.—Under a recent Act of Parliament, the premiums paid by a person for an Assurance on his own life, or on the life of his wife, or for a Deferred Annuity to his widow, are declared free from income tax, provided such Premiums do not exceed one-sixth of his returnable income.

DUTIES PAYABLE ON INHABITED HOUSE OF THE ANNUAL VALUE OF £20, OR UPWARDS.

The duty is 6d. in the pound in respect of dwelling-houses occupied by any person in trade who shall expose to sale and sell any goods in any shop or warchouse, being part of the same dwelling-house, and in front and on the ground or basement story thereof; or by a person licensed to sell therein, by retail, beer, &c.; or as a farmhouse by a tenant, or farm servant, and bond fide used for the purpose of husbandry only.—The duty is 9d. in the pound for dwelling-houses not occupied and used for any of the purposes described in the preceding.

Exception.—Market-gardens and nursery-grounds are not to be included in valuation of inhabited houses.

DUTIES ON LEGACIES AND SUCCESSION TO REAL PROPERTY.

DOLLES ON DEGLECTED TELL	. 1
To children or their descendants, or lineal ancestors of the deceased, £1	0 0
To children or their descendance, of their descendance,	0 0
Brother or sister, or their descendants	
TT 1	
or the second on their degrandants	
Grand uncle of auth, of the descendants	0 0
The husband or wife of the deceased not chargeable with duty.	3

Probates and Letters of Administration are exempt, if the effects are under £100 in value.

DUTIES ON MALE SERVANTS.

							ı	THE A	umn	717
	2 10 maga	a and mar	rarda					£1	1	0
For scrvants a	gen 15 year	s ann up	WALUB					0	10	6
Ditto u	inder the ag	e of 18 ye	arris		•	• •		0	10	6
Ditto e	mployed as	under-ga	rdeners		•	• •	• •		10	6
Ditto e	inployed as	under-ga	mekceper	·8			• • •			
Exceptions -	-Occasional	waiters,	potboys,	helpers	s, or	ostlers	or	пе	ense	eu
innkeepers.										

ARMORIAL BEARINGS.

Persons chargeable with the duty of	n assessed	10200	101	colly	£2 12	0
carriage at the rate of £3 10s		• •	• •	• •	0 13	
Other persons	•• ••	• •	• •		0 10	

GAME LICENSES.

If License or Cervificate be taken out after April 5, and before Nov. 1, to expire on April 5 in the following year	(10.00	0	0
To expire on Oct. 31 in the same year in which the Literise of	2		
If License or Certificate be taken out on or after Nov. 1 to expire	2	0	0
To deal in game			_

DOGS.

DOGS.

For every dog, of whatever description or denomination 12s.

Provided always, that no person shall be chargeable with duty to any greater amount than £39 12s, for any number of bounds, or £9 for any number of greyhounds, kept by him in any year.

Exemptions.—Any person in respect of any dog bond fide and wholly kept and used in the care of sheep or cattle, or in driving or removing the same; provided no such dog shall be a greyhound, hound, pointer, setting dog, spaniel, lurcher, or terrier.

HORSES LET TO HIRE.

(Omnibuses and Cabs excepted.)			
Where the person taking out the license shall keep at one and the same time to let for hirrorn horse or one carriage only. Where such person shall keep any greater number of horses or carriages, not exceeding two horses or two carriages.	12 20	10	0
1 talk barrag over a parriages	30	0	0
Not exceeding eight horses that for every additional number of ten horses, and for any additional number less than ten over and above twenty, the further additional duty of	10	0	0

HORSE-DEALERS.

Horse-dealers residing within the Bills of Mortality	£	27 13	10 15
DUTIES ON HORSES AND MULES. For every horse kept or used for racing For every other horse, and for every nule, exceeding respectively	£3	17	0
for every other horse, and so f four inches to each hand, kept the height of thirteen hands of four inches to each hand, kept for the purpose of riding, or drawing any earniage chargeable with duty For every horse and mule exceeding the height of thirteen hands,	1	1	0

0 10 6

DUTIES ON CARRIAGES.

ı	For every carriage with four wheels, where drawn by two or more			
ı	For every carriage with four wheels, where	£3	10	0
١	horses or mules			ň
t	TITI January by one house or mule only	2	0	U
١				
ł	For every curriage with four the or more nonies or			
١	than thirty inches, where drawn by two or more ponies or	7	15	0
ì	mules neither of them exceeding thirteen hands in neight			0
Į	TITL January has one cuch nony or mille only		0	U
ł	For every carriage with less than four wheels, where drawn by			
1	For every carriage with less than 10th wheels, where	9	0	0
ı	two or more horses or mules			
ı	TITL Juneary by one horse or mule only		15	
١	Where drawn by one pony or mule not exceeding 13 hands in height	0	10	0
ł	Where drawn by one pony of mule not exceeding the home lot for			
ł	Carriages kept and used solely for the purpose of being let for			
ı	thing and half of the above mentioned dulies respectively.			
H	For any carriage with four wheels used by any common carrier	2	6	- 8
ı	For any carriage with four wheels died of the	- 1	6	8
ľ	And where the same shall have less than four wheels		U	
i	Exemptions.—Any waggon, van, cart, or other carriage, to be u	sed	sole	elv
-	RremntionsAlly Wilggon, vall, Cart, of Other outlings,			

in the course of trade or husbandry.

HACKNEY CARRIAGE FARES .- (CABS.)

HACKNEY CARRIAGE FARES.—(CABS.)

Fares by Distance.—Carriages drawn by one horse—For any distance within and not exceeding one mile, 6d.; for any distance exceeding one mile, 6d. for every mile, and for every part of a mile over and above any number of miles completed within a circumference of four miles from Charing-cross. 1s. per mile for every mile or part of a mile beyond the four-mile circumference when discharged beyond that circumference.

Fare by Time.—2s. for any time not exceeding one hour; 6d. for every fifteen minutes over the hour.

For every hackney carriage drawn by two horses one-third above the rates and fares hereinbefore mentioned.

The fares to be paid according to distance or time, at the option of the hirer, to be expressed at the commencement of the hiring; if not otherwise expressed, the fare to be paid according to distance.

No driver shall be compellable to hire his carriage for a fare to be paid according to time between eight o'clock in the evening and six in the morning.

When more than two persons shall be carried inside any hackney carriage, 6d. is to be paid for each person above two for the whole hiring, in addition to the above fares. Two children under ten years of age to be counted as one adult person.

When more than two oersons shall be carried inside any hackney carriage with more luggage than can be carried inside the carriage, a further sum of 2d, for every package carried outside the said carriage is to be paid by the hirer in addition to the above fares.

LICENSES.

	.03 0	ŧ
Appraisers Edinburgh and Dublin	9 0	ļ
Appraisers Attorneys, &c., London (or within ten miles), Edinburgh, and Dublin	6 0	l
	0 0	Ì
(Half only for the first three years of being in practice).		ł
Auctioneers	10 0	1
Bankers	30 0	Ì
Conveyancers, London and Dublin.	9 0	ł
elsewhere	6 0	Į
	4 0	I
Hawkers and pediars, for each zores, the	2 0	Į
on foot	21 of	ı
(These may be obtained for half a year, expiring Jan. 31 or July	01, 40	Į
half the rate.)	0 0	Į
House-agents	2 0	į
Medicine-venders London	£2 0	I
in any corporate town	0 10	ı
elsewhere	0 5	ı
	15 0	ı
Pawhorokers, London	7 10	ı
elsewhere of cold and 200x, of silver plate	5 15	ı
Plate-dealers, selling above 20%, of gold and	2 6	
under the above weight		
For marriages, special		
not special	0 10	
To hold a perpetual curacy	6 10	
Time an worldow on	1 10	1
To stage and hackney carriage drivers, conductors, and watermen	0 5	,
To stage and nacking carriage arrivers, conditions,		

LIFE AND FIRE INSURANCES.

LIFE AND LIFE TOO SELECT			
Policy of Insurance made upon any life where the sum insured	£	s.	el.
Policy of Insurance made applicant	0	0	3
shall not exceed £20			
shall not exceed £25 Exceeding £25 and not exceeding £500, then for every £50, and	0	Λ	6
	0	0	0
Exceeding £500 and not exceeding £1000, then for every £100, and			
any fractional part of £100	0	1	0
any fractional part of £100 #1000 and any fractional			
And where it shall exceed £1000, for every £1000, and any frac-	0	10	0
		20	- 3
Policy of assurance for loss or damage by fire	0	1	0
Policy of assurance for ross of a conding 2c 6d	0	0	1
Against accident or for plate glass—Premium not exceeding 2s. 6d.	0	0	
Dwar inm not exceeding 58			
Eveneding 5c for every 5s, or fraction	0	0	0
Fire Insurance upon goods, wares, merchandise, being stock in			
Fire Insurance upon poons, water, incrementation, seeing	0	1	6
trade, &c., for every £100 per annum	,	-	
Settlement of Money or Stock, per £100		5	
Transfer of Stark not public	1	10	0
Transfer of Googk Hot Strong			
If upon Sale, 10s. per cent.			
If upon Mortgage, 2s. 6d. per cent.	^	0	6
Descript Starting	0		
Dill of Lading of or for goods or merchandise			6
Bit of Daving of of for goods of	0	5	0
		0	0
			0
Patents for Inventions, various documents 1s. to 1	.00	0	U

SPOILED STAMPS.

The days for claiming the allowance at Somerset House are Tuesdays, Thursdays, and Saturdays, from 12 to 2 o'clock, and at Gresham House, 24, Old Broad-street, on Mondays, from 11 to 2 o'clock, for London; and from the country on the other cays from 10 to 4 o'clock.



D.	D.	ANNIVERSARIES,	1	SUN.	1 300	00X.	DEPARTON	F MOONLIGHT.	1		1
OF	OF	FESTIVALS, OCCURRENCES, ETC.		Souths	D'	1 =	- '	1		ATER AT	Day
М.	W.	OCCURRENCES, ETC.	Rises.	Noon. Set	Rises. Morn.	Sets. Morn.	O'Clock,	2 2	London Bridge.	Liverpool Dock.	of Year.
1	S	Day breaks 3h, 37m,	н. м.	M. S. H.		н. м.	2 3 4 5 6	6 7 8 9 10	Morn. Aftern.	Morn. Aftern.	I Cal.
2	S		5 38		- 0	0 4		5	5 29 5 51	2 29 2 52	91
3	-	5TH SUNDAY IN LENT	5 35		3 10 2	0 58		6	6 14 6 40	3 18 3 44	92
		Twilight ends 8h. 37m.	5 33	3 18 6 3	5 11 2	1 43		0	7 6 7 36	4 14 4 49	93
4		Goldsmith died, 1774	5 31	3 0 6 3	6 Aftern.	2 20	PHILIPPINE STATE OF THE PROPERTY OF THE PARTY OF THE PART	ğ	8 11 8 51	5 29 6 10	
5	-	Mean Temperature, 43 deg,	5 28	2 42 6 3	8 1 8	2 51		9	9 32 10 13	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	94
6	-	Length of day 13h. 14m.	5 26	2 25 6 4	0 2 11	3 19	Diffin will but all	io -	10 54 11 29		95
7		Cambridge Lent Term ends	5 24	2 864	1 3 15	3 41			— 0 1	8 7 8 39	96
8		Oxford Lent Term ends	5 22	1 50 6 4		4 5	THE STREET	2	1 - 1	9 6 9 29	97
9	S	PALM SUNDAY	5 20	1 34 6 4		4 27		3	0 28 0 51	9 49 10 7	98
10	M	Day breaks 3h. 11m.	5 17	1 17 6 4		4 48	111,111111	* Pr 1	1 11 1 29	10 25 10 40	99
11	T_U	Bonaparte abdicated, 1814	5 15	1 164		5 12	11111	4	1 47 2 2	10 56 11 12	100
12	W	Twilight ends 8h. 58m.	5 13	0 45 6 5		5 38			2 18 2 34	11 28 11 43	101
13	Th	Maunday Thursday	5 11	0 29 6 5	1 9 31	- 1		6	2 50 3 5	11 59 —	102
14	F	GOOD FRIDAY.	5 9	0 13 6 5		6 8	1.1	7	3 21 3 37	0 15 0 29	103
15		Easter Term begins	5 6	before C F	1-0 00	6 43		8	3 51 4 7	0 45 1 2	104
16		EASTER SUNDAY	5 4	Noon. O 3		7 24		9	4 24 4 39	1 17 1 34	105
17		Easter Monday				8 13	2		4 56 5 14	1 52 2 11	106
7.0		Easter Tuesday		0 31 6 5		9 9	2		5 33 5 55	2 33 2 56	107
19		Alphege. Melanethon d., 1560	5 0	0 44 7	1 0	10 13			6 18 6 44	3 22 3 50	108
		Siege of Derry, 1689	- 00	0 58 7	1 37	11 22	2	3	7 12 7 46	4 24 5 3	109
21		Cambridge Easter Term begins	4 56	1 11 7		Aftern.	2	4	8 25 9 8	- 10 - 1	110
22	- 1	Royal Society founded, 1663	4 54	1 23 7		1 53			9 47 10 25	7 3 7 40	111
23			4 52	1 36 7		3 14	2		11 2 11 38	8 16 8 45	112
		LOW SUNDAY. St. George Brazil discovered, 1500		1 47 7 8		4 35	2		- 0 7	9 12 9 35	113
0 -		CI+ 757	4 48	1 58 7 9	4 9	5 58	_ 2		0 34 0 57	0 010 23	114
26		Justine 2 Windows Brown	4 46	2 9 7 1	4 41	7 18			1 22 1 45	0 46 11 10	15
20		Support day of the same	4 44	2 19 7 13	5 16	8 35			2 8 2 32 1	1 32 11 56	116
2/	1		4 42	2 29 7 14	6 1	9 45	2		2 54 3 18	- 0- 11	17
28			4 40	2 38 7 10	6 51 1	0 45	2		3 40 4 3		18
		Day breaks 2h. 12m.	4 38	2 47 7 18	7 48 1	1 36	9		4 25 4 47	1 01 1	
30	5 2	ND SUND. AFT. EASTER	4 36	2 55 7 19	8 48	Morn.	5		5 8 5 30		19
					2	0.			0 0 0 00	2 8 2 31 1	20



"THE SWING," BY W. L. THOMAS,-FROM "THE ILLUSTRATED LONDON NEWS."

Spring, the sweet spring
Is the year's pleasant king;
Then blooms each thing,
Then maids dance in a ring;
Cold doth not sting;
The pretty birds do sing,
Cuckoo—jugge, jugge,
Pu we, to witta woo.

The Palm and May
Make country houses gay,
Lambs frisk and play,
The Shepherd pipes all day;
And we hear aye
Birds tune this merry lay,
Cuckoo—jugge, jugge,
Pu we, to witta woo.

The fields breathe sweet,
The daisies kiss our feet,
Young lovers meet,
Old wives a sunning sit;
In every street
There tunes our ears do greet,
Cuckoo—jugge, jugge,
Pu we, to witta woo.—Old Song.

FERNS AND BUTTERFLIES. MARCH AND APRIL.

MARCH AND APRIL.

Does not the old window in our Plate suggest to us the possibility of finding in its niches and crannies, or on its crumbling surface, some of the heautiful lichens of which we spoke last month?

In company with the old-wall lichens, and disputing with them the possession of each weather-beaten and time-worn stone, we may expect to find the three ferns which adorn our Plate. Asplenim trichomanes, the common wall spleenwort, or maidenhair spleenwort. It is a pretty little tutted fern, generally from two to six inches high. It has a slender, purplish, black, and glossy stalk, and regularly disposed ovate pinnæ forming the fronds. They are of a deep green colonr, slightly crenated at the margin. The pinnæ are attached to the rachis by a very short stalk forming the attenuation of a wedge-shaped base. When old the pinnæ fall off, leaving the black, glossy hairlike stalks naked, mingling with the green fronds. Both this pretty little fern and its variety, Asplenium viride, are abundant on shady rocks and in old walls and buildings throughout Great Britain, Enrope, Central and Russian Asia, in North and South America, and in Australia.

In the West of England, and especially in Wales, it is a common fern. In Germany there is a legend attached to a well near which this fern grows luxuriantly. A lady keeping tryst with her lover, he was suddenly by some evil spell changed into a wolf. In her terror she fied before him, and in her haste fell over a precipice, her beautiful hair becoming entangled in the bushes. Immediately on the spot a clear well sprung up, and her hair took root and grew into the lovely fern we now call "maidenhair spleenwort." The well is called Wolf's Spring; and after hearing the legend the traveller is expected to take with him as a relic a bunch of "maiden's hair." A tea or syrup made of the fronds of this fern has been recommended in pulmonary affections.

Is expected to aske with min as a rene a bunch of "manden's hair." A tea or syrup made of the fronds of this fern has been recommended in pulmonary affections.

The Asplenium ruta-muraria—red-leaved spleenwort—is, according to Newman (a great anthority on British ferns), "one of those plants which, like our half-domesticated birds, the sparrow, the swallow, and the martin, seem to have deserted their native wilds and to have taken up their residence amongst the habitations of man, for it is far less frequently found on the wild wock than on the walls which his hands have reared. It has densely-tufted, thick, dark green fronds, about two or three inches long. The stalk is more or less pinnately divided. The pinnæ are alternate, having pinnules variable in form, sometimes long-stalked, wedge-shaped, toothed, or contracted into a roundish point above. The sori are linear, becoming united into broad patches when old. The whole form of the plant resembles the garden rue. This pretty plant grows luxuriantly on Arthur's Seat in Edinburgh, and about the Peak in Derbyshire. It is not very abundant in Scotland. It may almost be called the churchyard fern, for seldom do we visit any old place of this kind and wander among the ancient graves without seeing the pretty bright fronds of this beautiful fern springing from the resting-places of those who have gone before us, and reminding us of the new life which is to come when this shall have passed away. Inside the tower of Morwinstowe Church grew, a few years since, a most luxriant specimen of this fern. The ancient church stands at the edge of a lofty cliff, round the base of which the wild waves of the Atlantic surge and roar. The churchyard contains more than one mountaent to shipwrecked and downed sailors. One is a boat turned upside down, in which the poor fellows had attempted to escape. Another has the broken oars formed into a rude cross-a romence in themselves. Round about these sad menorials of "those that go down to the sea in ships" grew this little fern, mingin

protected by a coping of brick; this is ever a favourite station for cobwebs and wall rue.

Our next iern, the scaly spleenwort (Ceterach officinalis) is a downy, evergreen, pretty-locking fern, growing in tafts. It is readily distinguished from any other British plant. It varies very little in form, and the whole of its under surface is thickly clothed with brown scales which completely conceal the sori. The green of the upper surface contrasts prettily with the rust-coloured brown edge formed round the margin by the scales underneath. The outline is long and narrow, very deeply divided into rounded lobes standing in an oblique position towards the midrib. The thick texture of the fern renders the veining indistinct, and it can only be seen in the young fronds, which appear in May. The short, tough roots of this fern insimate themselves into the erevices and cracks of old walls and ruins in rocky places, and especially in limestone districts in England and Ireland. On the old walls of churches it may often be found in company with the wall rue. It is to be seen on the walls of Jerusalem. At one time its medical reputation was very great, but, like many other such remedies, it has fallen into disuse with the progress of knowledge. It was formerly thought to be a very efficacious application to wounds and ulcers, and is extolled by Gerarde in his "Herbal" for many excellencies. He, however, qualifies his praise in this way:—"But this is to be reekoned among the old wife's fables, and that also which Dioscorides tells of touching the gathering of spleenwort in the night, and other most vain things, which are found here and there scattered in dol books; from which most of the later writers do not abstain, who many times fill up their pages with lies and frivolous toyes, and by so doing do not a little deceive young students."

The common name spleenwort takes its origin in a curious story—that in Cerito there is a river which divides two portions of land, the eeterach

The common name splcenwort takes its origin in a curious story—that in The common hame spicenwort taxes its origin in a curious story—that in Cerito there is a river which divides two portions of land, the ceterand growing abundantly on one side the stream and not on the other. On the side where the fern grows the pigs are said to haveno spicen, but on the other side they are perfect pigs. Hence the name spicenwort or Asplenium. To this day Arabian and other Eastern writers believe in the virtues of this fern in diseases

Arabian and other Eastern writers believe in the virtues of this fern in diseases of the liver and spleen.

We may suppose that all who admire ferns in their native haunts may desire to possess them either in a living, growing form in some shady garden nook, or in a closed Ward's case or window, or even dried "pictures of what they were." In a later and less productive month of the year we will go into some details of these latter modes of preserving ferns; and now, while the weather tempts one out of doors into the field and the garden, we will say a little about outdoor cultivation of ferns. To those who are fortunate enough to live away from the smoke and noise of great cities, an open-air fernery will afford much delight. To such we would say, choose a sheltered and shady situation, if under the defence of a wall so much the better, and one looking north or west. Make up a raised bed with light soil largely mixed with rough, porons stones. Front it with rock-work wherein to fix the

smaller or wall kinds, the larger and more feather; being placed behind in the bed lited. Old rots of trees have a very pretty effect in ferrieries, and we greatly prefer, if rockwork be nead; to ac broken places of natural stone, the case. Plant your ferus not too clocely together, and remember that, these which have excepting rots will extend tienselves and reappear in adjacent spots. Water before planting, and from time to time, as needed, but be discussed to the control of the

THE ILLUSTRATED LOND	ON ALMANACK FOR 1865.
LIST OF THE PRINCIPAL BANKERS.	DRAWN ON IN LONDON,
LONDON.	Bank of Liverpool Glyn and Co. Branch Bank of England Bank of England.
Agra and Masterman's Bank (Limited), 35, Nicholas-lane, E.C.	Liverpool Commercial Banking Company Williams and Co.
Albion Bank (Limited), Moorgate-street, E.C. Alliance Bank of London and Liverpool (Limited), 5, Lothbury, E.C.	Manchester and Liverpool Discount Bank. Com. Smith and Co. North and South Wales Bank London and Westminster Bank.
Bank of Australasia, 4, Threadneedle-street, E.C. Bank of British North America, 7, St. Helen's-place, E.C. Bank of England, Threadneedle-street, E.C., and Burlington-gardens, W.	Royal Bank of Liverpool London Joint Stock Bank.
Bank of England, Threadneedle-street, E.C., and Burlington-gardens, W.	Edwin L. Samuel
Bank of Hindustan, Cornhill, E.C.	Liverpool Union Bank Barnett and Co.
Bank of London, 52, Threadneedle-street, E.C., and 450, West Strand, W.C.	National Bank of Liverpool
Bank of Victoria, 3, Threadneedle-street, E.C.	MANCHESTER.
Bank of England, Threadneedle-street, E.C., and Burlington-gardens, W. Bank of Egypt, 26, 01d Broad-street, E.C. Bank of Hindustan, Cornhill, E.C. Bank of Londou, 52, Threadneedle-street, E.C., and 450, West Strand, W.C. Bank of New South Wales, 37, Cannon-street, E.C. Bank of Victoria, 3, Threadneedle-street, E.C. Barclay, Bevan, and Co., 54, Lombard-street, E.C. Barnett, Hoares, and Co., 62, Lombard-street, E.C. Barnett, Hoares, and Co., 46, Charing-cross, S.W. Biggerstaff, W. and J., 63, West Smithfield, E.C., and 6, Metropolitan Cattle Marker, N.W.	James Sewell Union Bank of London.
Biddulph, Cocks, and Co., 43, Charing-cross, S.W. Biggerstaff, W. and J., 63, West Smithfield, E.C. and 6 Metropolitan Cattle	Bank of Manchester London Joint Stock Bank. Cunliffes, Brooks, and Co
	Heywood and Co Agra and Masterman. Loyd, Entwisle, and Co London and Westminster.
Bosanquet, Franks, and Co., 73, Lombard-street, E.C. Brown, Janson, and Co., 32, Abchurch-lane, E.C. City Bank, Threadneedle-street, corner of Finch-lane, E.C.	Branch Bank of England Bank of England.
City Bank, Threadneedle-street, corner of Finch-lane, E.C.	Manchester and County Bank Union Bank of London. Manchester and Liverpool Disct. Bank, Comp. Smith and Co.
Call, Marten, and Co., 25, Old Bond-street, W. Chartered Mercantile Bank of India, London, and China, 52, Threadneedle-	Manchester and Salford Bank Williams and Co. National Provincial Bank of England Londonand Westminster Bank.
street, E.C. Child and Co., 1, Fleet-street, E.C.	Union Bank of Manchester Glyn and Co.
Colonial Bank, 13, Bishopsgate-street Within, E.C.	BIRMINGHAM.
Commercial Banking Company of Sydney, 35, Cornhill, E.C.	Lloyds and Co
Commercial Banking Company of Sydney, 35, Cornhill, E.C. Consolidated Bank (Limited), 76, Lo mbard-street, E.C. Continental Bank (Limited), 67, Cornhill, E.C. Coutts and Co., 59, Strand, W.C. Cunliffe, Roger, Son, and Co., 24, Bucklersbury, E.C. Cunliffe, and Co., 24, Lornhyaf typer, E.C.	Attwoods and Co Spooner and Co. J. Lewis Moillet and Co
Courts and Co., 59, Strand, W.C.	Birmingham Banking Company Glyn and Co. Birmingham and Midland Bank Union Bank of London.
Guillines and Co., 2+, Lombard-Street, E.C.	Birmingham Town and District Banking (Barclay and Co., and Bank of
Chartered Bank of India, Australia, and China, 20, Threadneedle-street, E.C. Dimsdale, Drewett, and Co., 50, Cornhill, E.C.	Company London. Branch Bank of England Bank of England.
Drummond, Messrs., 49, Charing-cross, S.W. East London Bank, 124, Fenchurch-street, E.C.	National Provincial Bank of England London and Westminster Bank.
English and Swedish Bank, 103, Gresham House, E.C.	DUBLIN.
English, Scottish, and Australian Chartered Bank, 73, Cornhill, E.C. European Bank, 85, King William-street, E.C.	Ball and Co
Fullers, Banbury, and Co., 77, Lombard-street, E.C.	Robert Gray and Co Glyn and Co.
Glyn, Mills, and Co., 67, Lombard-street, E.C. Goslings and Sharpe, 19, Fleet-street, E.C.	J. B. Kennedy and Co
Hanburys and Lloyds, 60, Lombard-street, E.C. Herries, Farquhar, and Co., 16, St. James-street, S.W.	D. La Touch and Co Puget and Co.
Heywood, Kennards, and Co., 4, Lombard-street, E.C. Hill and Sons, 17, West Smithfield, E.C., and 2, Metropolitan Cattle Market, N.W.	Hibernian Joint Stock Banking Company Bank of Ireland
Hoares, Messrs. 37, Fleet-street, E.C., and 2, Metropolitan Cattle Market, N. W.	National Bank
Hopkinson and Co., 3, Regent-street, S.W. Imperial Bank, 6, Lothbury, E.C.	Ulster Banking Company {London and Westminster Bank.} Prescott and Co.
Imperial Ottoman Bank, Bank-buildings, Princes-street, E.C.	EDINBURGH.
Ionian Bank, 6, Great Winchester-street, City, E.C. Johnston, H. and I., and Co., 28, Cannon-street, E.C.	(Coutts and Co., Smith and Co.,
Lacy and Son, 60, West Smithfield, E.C., and 11, Metropolitan Cattle Market, N.W. London Chartered Bank of Australia, 17, Cannon-street, E.C.	Bank of Scotland and Bank of England.
London and County Bank, 21, Lombard-street, E.C.; Albert-gate, S.W.; 6,	Commercial Bank of Scotland Coutts and Co.
Berkeley-place, Edgware-road, W.; 441, Oxford-street, W.; 21, Hanover-square, W.; 19, High-street, Islington, N.; High-street, Kensington, W.;	British Linen Company Smith and Co., and Bank of England.
James-street, Covent Garden, W.C.; Bank-buildings, 187, Shoreditch, N.E., and Westbourne Grove, Bayswater, W.	Union Bank of Scotland Barclay and Co., Coutts and Co., and Glyn and Co.
London Joint Stock Bank, 5, Princes-street, Mansion House, E.C., and 69, Pall-	Barnett and Co.
mall, S.W. London and Westminster, Lothbury, E.C.; 1, St. James's-square, S.W.; 213,	Clydesdale Banking Company London and Westminster Bank. Bank of England and Coutts
London and Westminster, Lothbury, E.C.; 1, St. James's-square, S.W.; 213, High-Holborn, W.C.; 3, Wellington-street, Borough, S.E.; 87, White-chapel, High-street, E.; 4, Stratford-place, W., and 217, Strand, W.C. London and South African Bank, 10, King William-street, E.C. London Bank of Scotland, 24, Old Jewry, E.C. Mattin and Co., 68, Lombard-street, E.C. Metropolitan and Provincial Bank, 75, Cornhill, E.C.	Royal Bank of Scotland and Co.
London and South African Bank, 10, King William-street, E.C.	National Bank of Scotland Union Bank of London, Coutts and Co., and Glyn
Martin and Co., 68, Lombard-street, E.C.	(and Co.
Metropolitan and Provincial Bank, 75, Cornhill, E.C.	GLASGOW.
National Bank, 13, Old Broad-street, E.C., and Gloucester-gardens, Bayswater, National Provincial Bank of England, 112, Bishopsgate-street Within, E.C., New Zealand Bank, 38, New Broad-street, E.C.	British Linen Company Smith, Payne and Co. City of Glasgow Bank London Joint Stock Bank.
New Zealand Bank, 38, New Broad-street, E.C. North Western Bank of India, Gresham House, Old Broad-street, E.C.	Clydesdale Bank Company London and Westminster Bank. National Bank of Scotland
North Western Bank of India, Gresham House, Old Broad-street, E.C. Oriental Bank Corporation, South Sea House, E.C. Olding, Osborne, and Co., 29, Clements-lane, E.C.	(Coutts and Co., and Bank of
Praeds and Co., 189, Fleet-street, E.C.	Union Bank of Scotland Glyn and Co.
Prescott, Grote, and Co., 62, Threadneedle-street, E.C. Price, Marryatt, and Co., 3, King William-street, E.C.	North British Bank Union Bank of London.
Provincial Bank of Treland, 42, Old Broad-street, E.C. Puget, Bainbridges, and Co., 12, St. Paul's Churchyard, E.C. Ransom, Bouverie, and Co., 1, Pall-mall East, S.W. Robarts, Lubbock, and Co., 15, Lombard-street, E.C.	BRISTOL.
Ransom, Bouverie, and Co., 1, Pall-mall East, S.W.	West of England and South Wales Disct. Bank Glyn and Co. Sir William Miles and Co
1. Sande, Puntano, and Deini Bank (Limited), 80, King William-Street, E.C.	Baillie, Cave, and Co Prescott and Co.
Scott and Co., 1, Cavendish-square, W. Smith, Elder, and Co., 45, Pall-mall, S.W.	Stuckey's Banking Company
Smith, Payne, and Smiths, 1, Lombard-street, E.C.	Branch Bank of England Bank of England.
South Australian Banking Company, 54, Old Broad-street, E.C. Spielman, A., and Co., 79, Lombard-street, E.C.	BRADFORD.
Spooner. Attwoods, and Co., 27, Gracechurch-street, E.C. Standard Bank of British South Africa, 90, Cannon-street, E.C.	Bradford Banking Company London and Westminster. Harris and Co
Stevenson, Salt, and Sons, 20, Lombard-street, E.C.	Bradford Commercial Banking Company Glyn and Co.
Stride, J. and W. S., 41, West Smithfield, E.C., and 8, Metropolitan Cattle Market, N.W.	Tolkomic Bonna-8
Twining and Co., 215, Strand, W.C. Union Bank of Australia, 38, Old Broad-street, E.C.	Beckett and Co Glyn and Co.
Union Bank of Ireland (Limited), Moorgate-street, E.C.	Wm. Williams, Brown, and Co Brown, Jansen, and Co.
Union Bank of London, 2, Princes-street, Mansion House, E.C.; Argyll-place, Regent-street, W.; 4, Pall-mall East, S.W., and 200, Fleet-street, E.C.	Leeds Banking Company Smith and Co. Branch Bank of England Bank of England.
Williams, Deacon, and Co., 20, Birchin-lane, E.C. Willis, Percival, and Co., 76, Lombard-street, E.C.	Yorkshire Banking Company Williams and Co.
LIVERPOOL.	HULL.
DRAWN ON IN LONDON.	Hull Banking Company Barclay and Co. Branch Bank of England Bank of England.
Moss and Co. Israel Barned and Co. Prescott and Co. Prescott and Co.	Peases, Hoare, and Pease Glyn and Co.
Heywood, Sons' and Co	Smith, Brothers, and Co



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D.	D.	ANNIVERSARIES,		SUN.	MOON.	DURATION OF MOONLIGHT.	HIGH WATER AT			
OF M,	OF W.	OCCURRENCES, ETC.	Rises,	Souths before Sets.	Rises. Sets.	Before Sunrisc, O'Clock, 1 2 3 4 5	London Bridge. Liverpool Dock. Day of			
_	-		н, м.	Noon. M. S. H. M.	Morn. Morn.	O'Clock, 1 2 3 4 5 7 8 9 10 1	Morn, Aftern. Morn, Aftern. Year.			
1	M	St. Philip and St. James	4 34	3 3 7 21	9 52 0 18	6	1 H. M. H. M. H. M. H. M. J.			
2			4 32	3 10 7 23		3	6 44 7 11 3 49 4 20 122			
3		Day breaks 1h. 56m,	4 30	3 17 7 24	Aftern. 1 21	8	7 42 8 16 4 54 5 31 123			
4	TH	Twilight ends 10h, 3m,	4 28	3 23 7 26	1 5 1 46	9	8 53 9 29 6 7 6 41 124			
5	F	Hamburg burnt, 1842	4 27	3.28 7 27	2 7 2 10	10	10 3 10 38 7 16 7 51 125			
6	S	St. John Evangelist	4 25	3 33 7 29	3 10 2 32		11 13 11 43 8 21 8 47 126			
7	S	3RD SUND. AFT. EASTER	4 23	3 38 7 31	4 13 2 54	12	- 0 9 9 10 9 29 127			
8		Length of day 15h. 11m.	4 21	3 42 7 32	5 17 3 15	13	0 32 0 51 9 49 10 9 128			
9	Tu	Schiller died, 1805	4 20	3 45 7 34	6 21 3 41	11	1 11 1 31 10 26 10 42 129			
10	W	Battle of Lodi, 1796	4 18	3.48 7 35			1 48 2 4 10 58 11 15 130			
11	Th	Easter Term ends	4 17	3 50 7 37	8 24 4 42	16	2 20 2 37 11 34 11 50 131			
12	F	Day breaks 1h. 21m.	4 15	3.527 38	9 22 5 23	17	2 56 3 12 - 0 7 132			
13	S	Twilight ends 10h. 41m.	4 13	3.53 7 40	10 14 6 10	18	3 29 3 45 0 23 0 40 133			
14	S	4TH SUND. AFT. EASTER	4 12	3 53 7 41	11 0 7 4	19	4 2 4 21 0 59 1 18 134			
1.5	M	Length of day 15h, 33m,	4 10	3 53 7 43	11 40 8 4	20 21	4 40 4 59 1 37 1 58 135			
16	Tu	Battle of Albuera, 1811	4 9	3 52 7 44	Morn. 9 12		5 20 5 40 2 18 2 41 136			
17	W	Jenner born, 1749	4 .7	3.51746	0 15 10 24	22	6 3 6 30 3 8 3 35 137			
18	TH	Boswell died, 1795	4 6	3 49 7 47	0 44 11 40	C C	6 57 7 27 4 5 • 4 40 138			
19	1	Anne Boleyn beheaded, 1536	4 5	3 47 7 49	1 12 Aftern.	24	8 2 8 41 5 19 5 58 139			
20		Columbus died, 1506	4 3	3 44 7 50	1 40 2 13		9 20 9 56 6 34 7 11 140			
21	1	ROGATION SUNDAY	4 2	3 40 7 52	2 7 3 33	26	10 33 11 8 7 46 8 18 141			
22	-	Cambridge Term divides	4 1	3 36 7 53		27	11 40 - 8 47 9 14 142			
23	-		3 59	3 31 7 54	3 12 6 10	28	0 9 0 36 9 41 10 7 143			
24		Birth of Queen Victoria, 1819	3 58	3 26 7 56			1 3 1 29 10 32 10 55 144			
25		J. Timity Letin		3 20 7 57	4 37 8 29		1 54 2 17 11 18 11 42 145			
26		Mean Temperature, 55 deg. [beg	00 00	3 14 7 58			2 40 3 4 - 0 4 146			
27		Hab. Corp. Act passed, 1679	3 55	3 8 7 59	6 32 10 13		3 26 3 47 0 25 0 45 147			
28		SUNDAY AFT. ASCENSION		3 08 1	7 34 10 52	5	4 7 4 29 1 7 1 29 148			
29	4	No real night	3 53	2.538 2		6	4 51 5 12 1 50 2 12 149			
30	777	Joan of Arc burnt, 1431	3 52	2 45 8 3	20	0	5 34 5 57 2 35 2 58 150			
31	IVV	Dr. Chalmers died, 1847	3 51	2 36 8 4	10 51 Morn.		6 20 6 45 3 23 3 47 151			



"THE YOUNG SHIPWRIGHT," BY L. DUNCA: .-FROM "THE ILLUSTRATED LONDON NEWS."

PUBLIC ACTS OF PARLIAMENT OF THE LAST SESSION. PASSED IN THE 27TH AND 28TH YEARS OF HER MAJESTY'S REIGN.

*** The figure before each act denotes the chapter, and the date after each act records the exact time of its passing.

1. An act to authorize the inclosure of certain lands, in pursuance of a report of the Inclosure Commissioners for England and Wales. March 18. This act incloses Wooler and Humbleton, Ford Common, West Newton Common, Ayle Common, and Earle and Wooler Common, Northumberland; Yearsley Moor and Gammersgill, Yorkshire; Ennerdale and Kirkland Fell, Cumberland; Nantwich Barony, Cheshire; Sandhurst, Norton, and Wootton, Gloucestershire; Bedingfield, Suffolk; Sindon, Sussex; Marston-Maisey, Wilts; Reperry Common, Cornwall; Lutton, Northumptonshire; Blackwell and Berrington, Woreestershire; Briston, Norfolk; Norton, Radnorshire; and Bucknall, Lincolnshire; Briston, Norfolk; Norton, Radnorshire; and Bucknall, Lincolnshire; Briston, Sir John Laird Mair Lawrence to receive the full benefit of the salary of Governor-General of India, notwith-standing his being in receipt of an annuity of £2000 per annum granted to him by the Hon. East India Company. March 18.

3. The usual annual act for punishing mutiny and descrtion, and for the better payment of the Army and their quarters. March 18.

4. The usual annual act for the regulation of her Majesty's Royal marine forces while on shore. March 18.

5. An act to apply the sum of £584,650 out of the Consolidated Fund to the service of the year ending March 31, 1864. March 18.

6. An act to apply the sum of £4,500,000 out of the Consolidated Fund to the service of the year 1864. March 18.

7. An act to amend the law relating to bills of exchange and promissory notes in Ireland. April 28. By this act public notaries in Ireland are no longer required to keep their offices open from six p.m. to roceive payment of any bill or note.

8. An act to amend the laws relating to conveyancers, special plenders, and draughtsmen in equity practising in Ireland. April 28.

9. An act to amend the laws relating to conveyancers, special plenders, and draughtsmen in equity practising in Ireland. April 28.

9. An act to amend the laws relating to the warehousing of British spirits. April 28.

10. An ac

11. An act to apply the sum of £15,000,000 out of the Consolidated Fund to the service of the year 1864. April 28.

12. An act to amend the laws relating to the warchousing of British spirits. April 28.

13. An act to further extend to May 17, 1866, the time for making enrolments under the act 24 and 25 Vic., c. 9, intituled, "An Act to amend the Law relating to the Conveyance of Lands for Charitable Uses," and otherwise to amend the said law. May 13.

14. An act to amend certain provisional orders under 24 and 25 Vic., c. 133, "The Land Drainage Act, 1861." May 13.

15. An act for making better and further provision for the most efficient dispatch of business in the High Court of Chancery. May 13.

16. An act to confirm the appointment of Henry Pendock St. George Tucker, Esq., as one of the indges of her Majesty's High Court at Bombay, and to establish the validity of certain proceedings therein. May 13.

17. An act for the abolition of vestry cess in Ireland, and for other purposes relating thereto. May 13.

18. An act to grant certain duties of customs and inland revenue. May 13.

19. An act to enable joint-stock companies carrying on business in foreign countries to have official scals to be used in such countries. May 13.

20. An act to remove ecetain restrictions on the negotiation of promissory notes and bills of exchange under a limited sum in Ireland. May 13. This act repeals so much of the 8 and 9 Vic., c. 37, as prohibits or restrains the negotiation in Ireland of notes and bills of exchange under sum in Ireland. May 13. This act repeals so much of the 8 and 9 Vic., c. 37, as prohibits or restrains the negotiation in Ireland of notes and bills of exchange under so the House of Commons while holding the office of Under Secretary of State. June 23.

21. An act to repeal enactments relating to naval prize and matters connected therewith or with the discipline or management of the Navy. June 23.

22. An act to repeal enactments relating to naval prize and matters connected therewith or with the disciplin

- 27. An act for regulating the proving and sale of chain-cables and anchors.

- June 23.

 June 23. An act to amend the Common Law Procedure (Ireland) Act, 1853, relating to jurors and juries in the county of Cork. June 23.

 29. An act to amend the act 3 and 4 Vic., c. 54, for making further provision for the confinement and maintenance of insane prisoners. June 23.

 30. An act to provide for the alteration of the circuits of the Court of Justiciary in Scotland, and for holding additional circuit courts. June 23.

 31. An act to settle an annuity on Mary Louisa, Countess of Elgin and Kineardine, in consideration of the distinguished services performed by her husband, the late James, Earl of Elgin and Kineardine. June 30.

 32. An act to enable certain banking co-partnerships which shall discontinue the issue of their own bank notes to sue and be sued by their public officer. June 30.

 33. An act to facilitate the commutation and sale of certain vicarage teinds in Scotland. June 30.

33. An act to mentate the Commons in Scotland. June 30.
34. An act for amending the law relating to seats in the House of Commons of persons holding certain public offices. June 30.
35. An act for more effectually regulating the sale of beer in Ireland.

June 30.

36. An act to amend the law relative to the payment of the shares of prize and other money belonging to the deceased officers and soldiers of her Majesty's land forces. June 30.

37. An act to amend and extend the act for the regulation of chimney-sweepers. June 30. By this act a chimney-sweeper shall not, under penalty of fine or imprisonment, employ, in his trade, children under ten years of age, nor shall be bring into any house where he enters to clean chimneys any persons in his employment under six years of age. in his employment under sixteen years of age.

38. An act to facilitate the redemption of chief rents in Ireland. June 30.
39. An act to amend the Union Assessment Committee Act (1862). July 14.
40. An act for authorizing the relinquishment in favour of the King of the Hellenes of certain money payable in respect of the Greek loan. July 14.
41. An act for confirming a scheme of the Charity Commissioners for the charity called "The Free Grammar School" in the city of Coventry. July 14.
42. An act to provide for superamuation allowances to officers of unions and parishes. July 14.
43. An act to grant additional facilities for the purchase of small Government annutites, and for assuring payments of money on death. July 14.
44. An act to amend (as to orders of protection of property of wife deserted by her husband) the act relating to divorce and matrimonial causes in England, the 20 and 21 Vic., c. 85. July 14.
45. An act to further amend the Settled Estates Act of 1856, the 19 and 20 Vic., c. 120. July 14.
46. An act to provide for the investment and appropriation of all moneys 38. An act to facilitate the redemption of chief rents in Ireland. June 30.

49. An act to turther amend the Settled Estates Act of 1896, the 19 and 20 Vice, c. 120. July 13.

46. An act to provide for the investment and appropriation of all money received by the Commissioners for the Reduction of the National Debt on account of deferred life animities and payments to be made on death. July 14.

47. An act to amend the penal servitude acts (as to length of sentences of penal servitude, punishment in convict prisons, and as to convicts, holders of licenses—vuloo, tickets of leave). July 25.

48. An act for the extension of the factory acts. July 25.

49. An act to indemnify such persons in the United Kingdom as have omitted to qualify themselves for offices and employments, and to extend the time limited for those purposes respectively. July 25.

50. An act to amend an act, the 25 Vice, c. 7, to provide for the registration and transfer of Indian Stocks at the Bank of Ireland, and for the mutual transfer of such stocks from and to the Banks of England and Ireland respectively. July 25.

51. An act to extend the law relating to the Valuation of Rateable Property in Ireland, July 25.

52. An act to make provision for uniformity of process in summary criminal prosecutions and prosecutions for penalties in the inferior courts in Scotland. July 25.

July 25.

54. An act for the union of the Diocesan Courts and Registrics in Ireland

54. An act for the mode of procedure therein, and also in the Provincia

prosecutions and prosecutions for penalties in the inferior courts in Scotland. July 25.

51. An act for the union of the Diocesan Courts and Registries in Ireland; for the regulation of the mode of procedure therein, and also in the Provincial Courts of Armagh and Dublin; and for appeals therefrom. July 25.

55. An act for the better regulation of street music within the metropolitan police district. July 25. By this useful and long-wanted statute it is, in the first section, enacted that "any honscholder within the metropolitan police district, personally, or by his servant, or by any police constable, may require any street musician or street singer to depart from the neighbourhood of the house of such householder, on account of the illness, or on account of the interruption of theordinary occupations or pursuits of any immate of such house, or for any other reasonable or sufficient cause; and every person who shall sound or play upon any musical instrument, or shall sing in any thorough fare or public place, near any such house after being so required to depart, shall be liable to a penalty of not more than forty shillings, or; in the discretion of the magistrate before whom he shall be convicted, may be imprisoned for any time not more than three days; and it shall be lawful for any constable belonging to the Metropolitan Police Force to take into custody, without warrant, any person who shall offend as aforesaid."

56. An act for organting her Majesty certain stamp duties, and to amend the laws relating to the Inland Revenue. July 25.

57. An act to make provision respecting the acquisition of lands required by the Admiralty for the public service, and respecting the use and disposition thereof and the execution of public works thereon. July 25.

58. An act to confirming a provisional order concerning pilotage made by the Board of Trade under the Merchant Shipping Act Amendment Act, 1862, relating to Hartlepool. July 25.

59. An act to confirming a provisional order concerning pilotage made by the Board o

July 25.
62. An act for amending the Isle of Man Harbours Act, 1863. July 25.
63. An act to suspend the making of lists and the ballots for the militia of the United Kingdom. July 25.
64. An act for further regulating the closing of public-houses and refreshment houses within the Metropolitan Police district, the city of London, certain corporate boroughs, and other places. July 25. By this act public-houses and refreshment-houses in the Metropolitan Police district and the city of London are to be closed between the hours of one and four o'clock in the morning. The act may be adopted by corporate boroughs and other places.
65. An act for amending the law relating to the Removal of Clerks of the

65. An act for amending the law relating to the Removal of Clerks of the Pence. July 25.
66. An act to authorise the inclosure of certain lands, in pursuance of a special report of the Inclosure Commissioners. July 25. This act incloses Faddiley, Cheshire; Shiplake, Oxon; Dunster Salt Marsh, Somerset; Hartley-burn, Rochester Common, and Lambley, Northumberland; Ruffside, in the county of Durham; Hillbeck-Intake, Westmorland; Billingford Cow-common, Norfolk; Rudford, Gloucestershire; Barming Heath, Kent; Great Gidding, Huntingdonshire; Whitton, Radnorshire; Eversley, Havant, Avon-commons, and Ashley Heath, Hants; Leake, Yorkshire; Greystone Heath and Doc Green, Lancashire; Eltisley, Cambridgeshire; Haydon-common, Dorsetshire; Siddals-close and Chequers-close, Derbyshire; Rose Ash and Combmartin, Devonshire; and Rugeley, Staffordshire.
67. An act to amend the law in certain cases relating to trespasses in pursuit of game. July 25.

67. An act to amend the law in certain cases reading to trespasses in pursuit of game. July 25.
68. An act to amend the local government act of 1858, so far as it applies to Oxford. July 25.
69. An act to defray the charge of the pay, clothing, and contingent and other expenses of the disembodied militin in Great Britain and Ireland; to grant allowances in certain cases to subaltern officers, adjutants, paymasters, quartermasters, surgeons, assistant surgeons, and surgeons' mates in the militia; and to authorize the employment of the non-commissioned officers. July 25. July 25.

70. An act to substitute fixed instead of fluctuating incomes for members

70. An act for amending acts relating to railways in Ireland. July 25.

71. An act for amending acts relating to railways in Ireland. July 25.

72. An act to explain provisions in the acts for the improvement and drainage of lands in Ireland. July 25.
73. Consolidated Fund; appropriation therefrom of the sums granted by Parliament for the service of 1864. July 29.
74. An act for raising by Exchequer bonds £1,600,000 for the service of 1864. July 29.
75. An act to amond the law veletion to the sum law and principles and the law veletion to the sum of the service of 1864. 75. An act to amend the law relating to turnpike-road nuisances, and to continue certain turnpike acts till Nov. 1, 1865, and no longer, unless Parliament in the mean time continue the same.

76. Registration of Deeds (Ireland) Amendment Act, substituting stamps 76. Registration of Decots (Ireland) Amendment Act, substituting Stamps instead of fees. July 29.

77. An act for repealing and in part re-enacting acts of Parliament relating to the Ionian States. July 29.

78. An act relating to the signature by machinery of Irish bank-notes, &c. July 29.

79. An act relating to tumpike trusts arrangement. July 29.

80. Criminal Justice Act, 1855, extension to Romney Marsh and the Cinque Ports. July 29. 79. An act relating to turnpike trusts arrangement. July 29.
80. Criminal Justice Act, 1855, extension to Romney Marsh and the Cinque Ports. July 29.
81. An act relating to the archiepiscopal revenues of the See of Armagh, July 29.
82. An act for guaranteeing a loan for New Zealand. July 29.
83. Local Government Supplemental Act. July 29.
84. An act for the prevention of contagious diseases at certain naval and military stations. July 29.
85. An act for the prevention of contagious diseases at certain naval and military stations. July 29.
86. An act relating to bank post bills in Ireland. July 29.
87. An act relating to corn accounts and returns. July 29.
88. An act for regulating the traffic over Westminster Bridge. July 29.
89. An act to amend the Defence Act. July 29.
90. An act to amend the StampDuties Act of the present Session, c. 18. July 29.
91. An act relating to naval and victualling stores. July 29.
92. An act relating to the government of public schools. July 29.
93. An act confirming pier and harbour orders. July 29.
94. An act relating to Scottish episcopal disabilities. July 29.
95. An act to amend the Accidents Compensation Act, 9 and 10 Vic., c. 93. July 29.
96. An act for the sale of gas in Scotland. July 29.
97. Burials Registration Act, making further provisions. July 29.

uly 29.

96. An act for the sale of gas in Scotland. July 29.

97. Burials Registration Act, making further provisions. July 29.

98. An act extending the Bleaching and Dyeing Works Act, 1860. July 29.

99. An act relating to the Civil Bill Courts, Ireland. July 29.

100. An act confirming Justices' Proceedings in Sussex. July 29.

101. An act amending the Highways Act. July 29.

102. An act amending the Harwich Harbour Act. July 29.

103. An act for the acquisition of lands for Portsmouth Dockyard. July 29.

104. An act relating to public works (manufacturing districts). July 29.

105. An act relating to the removal of the poor. July 29.

106. An act relating to the salaries of Sheriffs Substitute in Scotland. July 29.

107. Drainage and Improvement of Lands in Ireland, Supplemental Act.

uly 29.

101. Dramage and Improvement of Lands in Ireland, supplemental Act. July 29.

108. An act amending the West-Indian Incumbered Estates Act. July 29.
109. An act providing for expenses of fortifications in the arsenals and dockyards of Dover and Portland, and for a central arsenal. July 29.
110. Mitigated Penalties Act. July 29.
111. An act relating to the construction of houses in and near Cranbournstreet. July 29.
112. An act relating to the amendment of judgments, &c. July 29.
113. Thames Conservancy Act. July 29.
114. Improvement of Land Act, 1864. July 29.
115. An act for prohibiting the placing, in fields and open places, of poisoned flesh and other poisonous substances. July 29.
116. An act relating to the relief of the poor in the metropolis. July 29.
117. Weights and Measures (Metric System) Act. July 29.
118. An act relating to the salmon fisheries in Scotland. July 29.
119. Naval Discipline Act. July 29.
120. An act for facilitating the grant of further powers to railway companies. July 29.
121. An act for facilitating the grant of powers of railway construction. July 29.

THE GOVERNORS AND DIRECTORS OF THE BANK OF ENGLAND.

Governor-Kirkman Daniel Hodgson.
Deputy Governor-Henry Lancelot Holland.

Deputy Governor Thomas Baring. Henry W. Blake. John W. Birch. Travers Buxton. Steven Cave. Edward H. Chapman. Robert W. Crawford. William Cotton. Bonamy Dobree. Charles P. Grenfell. Henry H. Gibbs. John S. Gilliat.

Thomson Hankey.
John Benjamin Heath.
John G. Hubbard.
Charles Frederick Huth.
Alfred Latham. George Lyall.
Thomas Masterman.
Alexander Matheson.
James Morris.
Sheffield Neave.
George W. Norman.
Clifford Wigram.

TRANSFER DAYS OF THE FUNDS.

Dividends due the 5th of January and the 5th of July, and which are usually

Three per Cent Consols

New Three-and-a-Half per Cent

New Two-and-a-Half per Cent

Five per Cent

New Two-and-a-Half per Cent

New Two-and-a-Half per Cent :: Tuesday, Wednesday, Thursday, and Friday. Five per Cent Annuities for thirty years, expire Jan. 5, 1880

Dividends due the 5th of April and the 10th of October, and which are usually paid a few days after.

Bank Stock
Three per Cent Reduced
New Three per Cent
Annuities, for thirty years, expire April 5, 1885
Tucsday, Wednesday,
Thursday, and Friday. India Bonds interest due March 31 and Sept. 30, and payable on the

following days. Indian Loan Debentures (Four per Cent, 1864), interest due April 8 and Oct. 8.

THE QUEEN'S MOST HON, PRIVY COUNCIL,

(Members of the Judicial Committee are marked *.)

*Lord Brougham and Vaux.

H.R.H. Prince of Wales. H.R.H. Prince of Wales.
King of the Belgians.
H.R.H. Duke of Cambridge.
Archbishop of Canterbury.
*Lord Westbury.
Archbishop of York.
*Earl Granville.
Duke of Argyll.
Duke of Somerset.
Duke of Richmond.
Duke of Beaufort.
Duke of Buccleuch.
Duke of Montrose. Duke of Beaufort.
Duke of Beaufort.
Duke of Morclench.
Duke of Mortrose.
Duke of Neweastle.
Duke of Northumberland.
Duke of Northumberland.
Duke of Wellington.
Marquess of Salisbury.
Marquess of Salisbury.
Marquess of Abercorn.
Marquess of Donggall.
Marquess of Exeter.
Marquess of Cholmondeley.
Marquess of Cholmondery.
Marquess of Cholmondery.
Marquess of Cholmondery.
Marquess of Clanricarde
Marquess of Gonyngham.
Marquess of Salisbury.
Marquess of Clanricarde
Marquess of Bristol.
Marquess of Bristol.
Marquess of Bristol.
Marquess of Normanby.
Earl of St. Germans.
Earl of Derby.
Earl of Chesterfield.
Earl of Sandwich.
Earl of Carlisle.
Earl of Dalhousie.
Earl of Roseberry.
Earl of Hardwicke.
Earl de la Warr.
Earl Speneer.
Earl of Clarendon. Earl Speneer.
Earl of Clarendon.
Earl of Beverley.
Earl of Malmesbury.
Earl of Ressborough.
Earl of Roden.
Earl of Roden.
Earl of Roslyn.
Earl of Wilton. Earl Spencer. Earl of Wilton.
Earl Grey.
Earl of Lodsdale.
Earl of Lodsdale.
Earl of Harrowby.
Earl De Grey and Ripon.
Earl Howe.
Earl of Ellenborough.
Earl of Stafford.
Earl Gowley.
Earl Russell.
Lord Edward G. F. Howard.
Lord John Manners.
Viscount Sydney. Viscount Sydney.
Viscount Falkland.
Viscount Palmerston.
Viscount Gough. Viscount Stratford de Redcliffe. Viscount Eversley. Lord Stanley. Viscount Bury. Lord Lovaine. Lord Naas. Lord Naas.
Lord Proby.
Viscount Proby.
Viscount Castlerosse.
Viscount Newport
Lord Claude Hamilton.
Lord Ernest Bruee.
Bishop of London.
Lord de Ros.
Lord Willoughby d'Eresby.
Lord Kinmaird.
Lord Napier.
Lord Foley.
Lord Foley.
Lord Forester.
Lord Forester.
Lord Bloomfield.

Lord Glenelg.
Lord Stanley of Alderley.
Lord Monteagle.
*Lord Cranworth. Lord Broughton.
*Lord St. Leonards.
*Lord Wensleydale.
Lord Belper. Lord Ebury.

*Lord Chelmsford.

*Lord Kingsdown. Lord Lyveden. Lord Llanover. Lord Taunton. Lord Fitzhardinge Lord Athlumney.
John Evelyn Denison.
Sir George Grey, Bart.
Sir Charles Wood, Bart.
Hon. William Francis Cooper.
Hon. Edward Pleydell Bouverie.
Hon Charles Pelham Villiers.
Hon. Henry T. Lowry Corry.
**Stephen Rumbold Lushington.
Hon. Thomas Erskine.
Hol. Mackenzie.
Sir Charles Edward Grey. Hon. Thomas Erskine.
Holt Mackenzic.
Sir Charles Edward Grey.
Stephen Lushington.
Sir Francis Thomhill Baring, Bart.
William Ewart Gladstone.
*Sir James Wigram.
*Sir James Wigram.
*Sir Edward Ryan.
Sir Edward Ryan.
Sir Edward Ryan.
Sir Federick Pollock.
Sir Thomas F. Freemantle, Bart.
Sir George Clerk, Bart.
Sir Henry Lytton Bulwer.
Hon. James A. Stuart Wortley.
Thomas Milner Gibson.
Richard More O'Ferrall.
Sir William G. Hayter, Bart.
Sir Bavid Dundas.
*Sir John Romilly.
*Sir George James Turner.
Laurenee Sullivan.
Hon. George C. W. Forester.
Sir John S. Pakington, Bart.
Spencer Horatio Walpole.
Benjamin Disraeli.
Joseph Warner Henley.
Robert Adam C. N. Hamilton.
William Beresford.
Sir John Trollope, Bart.
Sir John Young, Bart.
Edward Cardwell.
Juncan McNeill.
John Parker. John Parker. Henry Unwin Addington. Edward Horsman. Edward Horsman.
Robert Lowe.
William Monsell.
Sir George H. Seymour.
Sir Lawrence Peel.
*Sir Alexander E. Cockburn, Bart.
Sir John McNeill.
Frederick Peel.
Henry Arthur Herbert.
Sir Edmund W. Head, Bart.
Thomas H. S. S. Esteourt.
Charles Bowyer Adderley.
John Robert Mowbray.
Sir E. G. E. L. B. Lytton, Bart.
*Sir John Taylor Coleridge.
John Inglis. *Sir John Taylor Coleridge.
John Inglis.
Sir John L. M. Lawrence, Bart.
Sir William G. Hilton Jolliffe, Bart.
Thomas E. Headlam.
*Sir William Erle, Knight
*Sir James W. Colvile.
William Hutt
Sir Robert Peel, Bart.
Sir Andrew Buchanan.
Sir William Gibson Craig, Bart.
Chichester Samuel Fortescue.
Sir James Plaisted Wilde.
Henry Austin Bruce.

COMMISSIONNAIRES' TARIFF.

Henry Austin Bruce

COMMISSIONNAIRES' TARIFF.

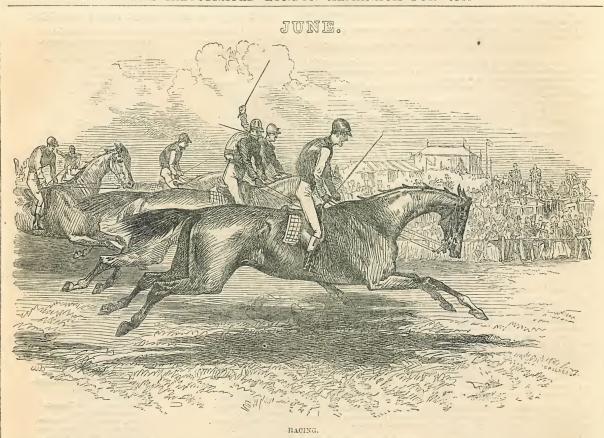
By DISTANCE.—2d. half-a-mile or under; 3d. one mile, and over half-a-mile. By TIME.—6d. per hour, or 2d. per quarter of an hour. When taken by time the Commisionnaire is to do 2½ miles per hour, if walking. Should the employer pay the fare of a Commissionnaire by rail, boat, or omnibus, he may require him to exceute his duty by the Time Tariff.

N.B.—The Commissionnaires may charge 1d. per mile for every seven pounds exceeding one stone.

By DAY of ten hours, 3s.; four hours, 1s. 6d. Calling Carriages, 2d.

No return fare except when employed, or if sent more than 3 miles from post.

N.B.—In sending Parcels, &c., Employers are requested to note the time of dispatch, on the outside, in order that the Receiver may ascertain whether any delay has occurred. The usual rate of walking may be taken at 3½ miles per hour, or 5 per boat or omnibus. hour, or 5 per boat or omnibus.



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D.	D.	ANNIVERSARIES,		SUN.	-	МО	ON.		OF MOONLIGHT.	HIGH WATER AT	lav
OF M.	OF W.	FESTIVALS, OCCURRENCES, ETC.	Rises.	Souths before	Sets.	Rises. Morn.	Sets. Morn.	Before Sunrise.	After Sunset.	Va	of ear.
_	-	•	н. м.	M. S.	н. м.	H. M.	H. M.	0 Clock.	O'clock. 8 9 10 11 12	Morn. Attern. Morn. Attern	GILI.
1	Th	Nicomede	3 51	2 28	8 5	11 55	0 13	TO WINTER	IN CORE Y	11. 11. 11. 11. 11. 11. 11. 11.	52
2		Gordon Riots, 1780	3 50	2 18	8 6	Aftern.	0 37		(Q) _		$\frac{52}{53}$
3	10	Oxford Easter Term ends	3 49	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	8 7	2 2	0 58		9	0 0 0 10 0 10 0 10	54
4		PENTECOST. WHIT. SUN.	3 48	1 50	8 8	3 5	1 21		111)		
5		Boniface	3 48	1 49	8 9	4 8	1 45			111 1011 11 0 10 0 15	55
6		1	3 47	1 38	8 10	5 12	2 12		12		56
7	1		0 1-	1 00						$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	5/
	-	Oxford Trinity Term begins		1 44	8 11	6 14					58
8	1	Length of day 16h, 25m.	3 46	1 16	8 12	7 13	3 18		2		59
9		Crystal Palace opened, 1854	3 46	1 5	8 12	8 9	4 3				60
10	1	Smithfield closed, 1855	3 45	0 53		8 58	4 56				61
11	S	TRINITYS. St. Barnabas		0 41	8 14	9 41	5 55		18		62
12			3 44	0 29	8 15	10 18	7 2		15		63
13	1	Corsica taken, 1767	3 44	0 17	8 15	10 48	8 13		20	4 27 4 48 1 26 1 48 16	64
14		Battle of Naseby, 1645	3 44	0 .4	8 16	11 17	9 29		21 ////////////////////////////////////	5 10 5 34 2 12 2 35 10	65
15	1 1	Corpus Christi. Term ends	3 44	Aftern.	8 16	11 45	10 44		22	5 57 6 22 3 0 3 26 10	66
16		Earl Canning died, 1862	3 44	0 21	8 17	Morn.	Aftern.		6	6 48 7 16 3 54 4 25 10	67
17		Mean Temperature, 58 deg.	3 44	0 34	8 17	0 12	1 17		21/////////////////////////////////////	7 47 8 19 4 57 5 32 10	68
18	S	IST S. AFT. TRIN. Waterloo	3 44	0 47	8 18	0 41	2 35		25 ////////////////////////////////////	8 54 9 30 6 8 6 41 10	69
19	M	Magna Charta signed, 1215	3 44	1 0	8 18	1 10	3 51		26	10 3 10 36 7 14 7 49 12	70
20	Tu	Accession. Camb. Comm.	3 44	1 13	8 18	1 46	5 4	White.	27	11 11 11 43 8 21 8 52 17	71
21		Proclamation	3 44	1 26	8 18	2 27	6 13	Million I	28	— 0 14 9 20 9 48 17	72
22	2 TH	Machiavel died, 1527	3 45	1 39	8 19	3 18	7 13	Million Inc.	29	0 42 1 10 10 15 10 39 17	73
23	3 F	Cambridge Easter Term ends	3 45	1 52	8 19	4 14	8 4		0 /////////////////////////////////////	1 37 2 1 11 5 11 29 17	74
24	S	St. John Bapt. Midsummer Day.	3 45	2 5	8 19	5 16	8 47		1	2 27 2 51 11 50 - 17	75
25	S	2ND SUND. AFT. TRINITY		2 18	8 19	6 22	9 22	William William	22 ////////////////////////////////////	3 12 3 35 0 13 0 33 17	76
26	M	Pizarro died, 1541	3 46	2 31	8 19	7 30	9 52			3 55 4 15 0 53 1 13 17	77
27	Tu	Dodd executed, 1777	3 47	2 43	8 19	8 37	10 17			4 35 4 53 1 31 1 51 17	78
28	W	Victoria Cross distributed, 1857	3 47	2 56	8 19	9 41	10 41		5	5 13 5 33 2 11 2 31 17	79
29	Th	St. Peter	3 48	3 8	8 18	10 44	11 3		3693	5 53 6 12 2 50 3 12 18	80
30	F	Argyll beheaded, 1685	3 48	3 20	8 18	11 47	11 24			6 34 6 56 3 34 3 56 18	Q 1
1					3 20	/	1	Martin Martin	1 1//	0 0 1 0 0 0 0 0 10	01



"A TRAIN OF THOUGHT," BY J. D. WATSON.—FROM "THE ILLUSTRATED LONDON NEWS."

FERNS AND BUTTERFLIES. MAY AND JUNE.

FERNS AND BUTTERFLIES.

MAY AND JUNE.

THESE are the months when all nature seems to rejoice and to put on her richest attire. May has ever been a favourite month with poots, who sing its praises are milling all the budding charms of spring with the brightness its praises are milling all the budding charms of spring with the brightness its praises are milling all the budding charms of spring with the brightness in the praise of the praises and maypoles. In the latter mouth the weather its usually less capticious, the trees are in heat produces a profusion of insect life which is a new and maypole. In the latter mouth the weather its usually less capticious, the trees are in heat produces or of our young garlands to offer to her queen and maypoles. In the latter mouth the weather its usually less capticious, the trees are inheat produces of our young folk who are supposed to be capced in standing instruction and interest to the naturalist. Many of the inhabitants of towns, especially those of our young folk who are supposed to be engoged in standing the praise of t

thought has been the means of carrying into the homes of the poor and the abodes of sickness and misery. We ourselves have often found that in London plants will live a much longer time under a glass shade than when exposed to the fumes of gas and the impurity of the atmosphere. The most simple contrivance will accomplish the purpose; a bell-glass placed so as to fit tightly over on the edge of a large sauger or soup-plate filled with mould, carefully sifted and chosen, with bits of rock built up in a somewhat raised form, will account of the property of the plant of the property of so as to fit tightly over on the edge of a large saucer or soup-plate filled with mould, enrefully sifeed and chosen, with bits of rock built up in a somewhat raised form, will encourage the growth of many common sorts of ferns; and pretty mosses or the delicate Lycopodium will cover the surface in a short time with a bright green carpet. The elegance and size of these cases may be according to our means, and we have seen them made of the humblest materials, yet accomplishing all that was desired, and giving green and wholesome delight to the sick and weary, many of whom had not looked upon a bright green growing plant for many a day. In many of our London hospitals, where the long white unfurnished walls must often weary the sick man's restless eye, it would be a gracious gift to place some of these inexpensive cases, filled with the fresh green fronds of our native ferns, mingled with the pretty white blossoms of the lovely wood sorrel (Oxalis acctosella), or the dew-tipped starry leaves of the drosera. Very little care do they require, and the removal of any mouldy or decaying leaves, and the occasional supply of extra moisture, would be a pleasant charge for the convalescent patients in the ward. In many of our hospitals we see beautiful engravings, supplied by the generosity of individuals, suspended on the hitherto bare walls, and we would snagest this further addition to the attention of those anxious to contribute to the few objects which gladden the eyes and refresh the senses of the inmates of such institutions. Especially should we like to see a few such cases in the sick wards of our workhouses, where the old and infirm are too often debarred from anything that can cheer the monotony of their life, lead them to remember that there is still a beautiful world around and outside them, and that the same Power which "considers the lify of the field" is assuredly not numindful of them.

Windows constructed in this way form the most heautiful blinds that can

that the same Power which "considers the lily of the field" is assuredly not unmindful of them.

Windows constructed in this way form the most beautiful blinds that can be imagined, as there is not a window in London that cannot command throughout the year the most Inxuriant verdure, admitting light into the dwelling and furnishing food to the mind as well as the body. Care must be had, however, not to exclude a due supply of the external air to a room so adorned, and any window so constructed below must be made to open above so as to secure free ventilation, for the loss of which nothing will compensate. The next species which adorns our Plate, Adiantum capillus veneris, the true maidenhair, is particularly well adapted to grow in a Ward's case, and forms a most lovely object. It ought never to be exposed to the sun. It will grow perfectly with the sea spleenwort, in the same case, as the soil recommended is equally adapted for both, and their fronds mingle elegantly and gracefully together. The Maidenhair Fern is easily recognised by its fan-shaped leafteds and the little wiry black stalks which support them, giving rise to its specific

maidenhair, is particularly well adapted to grow in a Ward's case, and forms a most lovely object. It ought never to be exposed to the sun. It will grow perfectly with the seaspleenwort, in the same case, as the soil recommended is equally adapted for both, and their fronds mingle elegantly and gracefully together. The Maidenhair Fern is easily recognised by its fan-shaped leaflets and the little wiry black stalks which support them, giving rise to its specific name. It grows from nine to fifteen inches bigh, in circular masses, and is of a light green colonr. It is slender creeping rhizone is shagpy, with black hair-like seales, and the base of the stipes is of a rich red brown colonr. The pinnules are very irregular in shape, but mostly wedgeshaped, or tapering at the base, with a rounded or egg-shaped apex; and they have generally some variation of a fan-shaped outflue. The stalk is usually about half the length of the frond, and is glossy black or deep purple. The veins in all the pinnules are two-branched, or forced from the base, the branches extending in straight lines to the margins, where in the barren fronds they end in the marginal notches; in the fertile fronds, however, they extend to the industina and become the receptacle for the clusters. This beautiful little fern is evidently a wanderer from warmer climates, and is only very locally distributed in Great Britain. It is peculiarly the fern of Devonshire, but occurs on the south and west coasts of Ireland in great luxuriance. It is found only in moist caves, or the fissures of rocks, most frequently near the seacoast, where the water trickles over the roots, or where it is exposed to the sea spray. At Ilfracombe it grows beautifully on the face and in the vertical ecroice of a rock in White Pebble Bay, commencing at a height of about twenty-five feet and descending to within five feet of the level of the sea. Mr. Henry Newman describes, in a letter, his discovery of this shade-loving beauty in its retreat in Wales growing ont of a rock intrusted

COMPARATIVE INCREASE OF THE POPULATION IN DIVISIONS AND REGISTRATION COUNTIES.

INCREASE PER CENT. FROM 1801 TO 1861.

	. PERSONS.								
DIVISIONS AND REGISTRATION COUNTIES.	1801	1811	1821	1831	1841	1851			
	to	to	to	to	to	to			
	1811	1821	1831	1841	1851	1861			
LONDON. Middlesex (part of) Surrey (part of) Kent (part of)	16	20	19	16	21	16			
	25	28	26	22	21	20			
	30	11	12	23	29	44			
SOUTH-EASTERN COUNTIES. 1. Surrey (extra Metropolitan). 2. Kent (extra Metropolitan) 3. Sussex 4. Hampshire 5. Berkshire	13	15	13	16	8	35			
	18	16	13	10	8	12			
	19	22	17	10	12	8			
	12	15	11	12	13	14			
	8	12	10	9	5	3			
SOUTH-MIDLAND COUNTIES. 6. Middlesex (extra Metrop.) 7. Hertfordshire 8. Buckinghamshire 9. Oxfordshire 10. Northamptonshire 11. Huntingdonshire 12. Bedfordshire 13. Cambridgeshire	18	17	14	15	7	24			
	12	17	10	10	7	2			
	10	14	9	6	4	2			
	7	15	11	6	4	1			
	9	15	11	12	7	8			
	12	18	10	10	9	2			
	10	20	13	14	16	8			
	15	21	18	14	13	5			
EASTERN COUNTIES. 14. Essex	11	14	10	9	7	10			
	9	16	9	6	7	2			
	6	18	13	5	7	8-1			
SOUTH-WESTERN COUNTIES. 17. Wiltshire 18. Dorsetshire 19. Devonshire 20. Cornwall 21. Somersetshire	4	15		8	8	-2			
	8	16	10	10	5	3			
	12	15	13	8	6	4			
	14	18	15	13	4	3			
	11	17	14	8	2	2			
West-Midland Counties. 22. Gloucestershire 23. Herefordshire 24. Shropshire 25. Staffordshire 26. Worcestershire 27. Warwickshire	14 6 9 21 14 10	18 10 8 17 15 19	15 8 7 17 16 22	11 2 5 24 13 18	6 3 1 20 13 18	6 8 4 22 14			
NORTH-MIDLAND COUNTIES. 28. Leicestershire 29. Rutlandshire 30. Lincolnshire 31. Nottinghamshire 32. Derbyshire	15 7 18 16 15	16 12 19 15	12 5 12 20 12	10 8 14 11 15	7 5 12 9	3 -3 1 10 13			
NORTH-WESTERN COUNTIES. 33. Cheshire	17	18	20	16	15	12			
	22	27	28	25	22	19			
YORKSHIRE. 35. West Riding	15	22	22	18	14	14			
	19	15	11	15	14	9			
	7	11	2	3	4	9			
NORTHERN COUNTIES. 38. Durham 39. Northumberland 40. Cumberland 41. Westmorland	10	17	22	30	26	32			
	9	16	11	12	14	13			
	14	17	8	5	10	5			
	12	12	7	3	3	4			
MONMOUTHSHIRE AND WALES. 42. Monmouthshire 43. South Wales 44. North Wales	32	22	27	34	17	11			
	14	18	14	15	14	15			
	10	17	10	10	4	3			

ARMY AGENTS.

ARMY AGENTS.

Barron and Smith, 26, Dnke-street, Westminster.
Borough, Sir E. R., Bart., Armit, and Co., 4, Nassau-street, Dublin.
Cane, R., and Sons, Dawson-street, Dublin.
Clack, H. T., Esq., 50, Leicester-square.
Codd, E. S., Esq., 35, Craven-street, Strand.
Cox and Co., Craig's-court.
Downes, C., and Son, 14, Warwick-street, Charing-cross.
Grindlay and Co., 55, Parliament-street.
Hot, V. W., Esq., 17, Whitchall-place.
Hopkinson and Co., 3, Regent-street.
Kirkland, Sir J., and Co., 17, Whitehall-place.
Lawrie, A., Esq., 10, Charles-street, St. James's-square.
M'Grigor, Sir C. R., and W. M'Grigor, Esq., 17, Charles-street, St. James's-square.

square.
Price and Boustead, 34, Craven-street, Strand.
Ridgway, Alex. F., and Son, 40, Leicester-square.

NAVY AGENTS.

Banton and Mackrell (late Muspratt), Jufaur, F., 13, Clement's-inn. 33, Abehurch-lanc. Hallett, Ommaney and Co., 14, Great 33, Abehurch-lane. Barwis and Hodgson, 1, New Boswell-Burnett and Co., 17, Surrey-street, Strand. Case and Loudonsack, 1, James-street,

Adelphi.
Chard W. and E., 3, Clifford's-inn,
Fleet-street. Collier and Snee, 6, New-inn, Strand.

Hallett, Ommaney and Co., 19 George-street. O'Byrne Brothers, 2, Adelphi-terrace. Slade, W., 21, Cecil-street, Strand. Stillwell and Co., 22, Arundel-street, Strand.
Tory and Hildreth, 41, Norfolk-street, Strand.
Woodhead and Co., 44, Charing-

THE SPIRITUAL PEERS OF THE HOUSE OF LORDS.

Right Hon. Dr. Charles T. Longley	Canterbury	1836 .	. 1862
Right Hon. Dr. William Thomson	York	1861 .	
Dr. Archibald Campbell Tait	London	1856	
Dr. Charles Baring	Durham	1856 .	. 1861
Dr. Charles Richard Sumner	7777		
The Tr. The tree tr	773	1826 1830	. 1046
The Classes (10) (1)	O1 TO 131		
The Andrews I May Commercial	St. David's	1840	
The T-1 - T 1 1 -	Chichester	1842	
Dr. John Lonsdale	Lichfield	1843	
Dr. Samuel Wilberforce	Oxford	1845	704
Dr. Thomas Vowler Short	St. Asaph	1841 .	. 1840
Dr. James Prince Lee	Manchester	1848	
Dr. Renn Dickson Hampden	Hereford	1848	
Dr. John Graham	Chester	1848	
Dr. Alfred Ollivant	Llandaff	1849	
Dr. John Jackson	Lincoln	1853	
Dr. Walter Kerr Hamilton	Salisbury	1854	
Dr. Robert John Eden (Lord Auckland)	Bath and Wells	1854	
Dr. Robert Bickersteth	Ripon	1856	
Hon. Dr. John Thomas Pelham	Norwich	1857	
Dr. James Colquhoun Campbell	Bangor	1859	
Dr. Joseph Cotton Wigram	Rochester	1860	
Trans The Games 1 317-13-	C 21.1	1860	
	MAN I	1860	
T) . CC 1 T 1 T2221			
T) T11 1 TT 11 T	Gloueester and Bristol		
Dr. Edward Harold Browne	Ely	1864	

SUMMARY OF THE TWO HOUSES OF PARTIAMENT

SUMMARI OF THE TWO I	TOUSES OF PARLIAMENT.
HOUSE OF PEERS.	HOUSE OF COMMONS.
Peers of the Blood Royal 3	ENGLAND. Members.
Archbishops 2	40 Counties 144)
Dukes 20	Isle of Wight 1
Marquises 19	186 Cities Borovale &c)
darls	with two contribu-
**	
Bishops, 24; one a Temporal Peer 23	
Barons	WALES.
Scotch Representative Peers 16	12 Counties
rish Representative Peers 28	14 Boroughs, with 45 con- \ 14 \ 29
rish Spiritual Peers 4	tributory ditto
	SCOTLAND.
Total* 454	33 Counties 30)
	7 Cities and Towns 9 53
	14 Districts of Burghs 14
	IRELAND.
	32 Counties 64)
	33 Cities and Boroughs 39 \ 105
* Of whom 19 are minors, making the	7 77
actual number of the House of Peers 435.	Total 656
100 100 100 100 100 100 100 100 100.	2000 1.000

OFFICERS OF THE HOUSE OF PEERS.

OFFICERS OF THE HOUSE OF PEERS.

Clerk of Parliaments, Sir John G. Shaw Lefevre, K.C.B.
Deputy Clerk of Parliaments (Clerk Assistant), Wm. Rose, Esq.
Reading Clerk and Clerk of Private Committees, L. Edmunds, Esq.
Counsel to Chairman of Committees, R. J. Palk, Esq.
Cleif Clerk, H. Stone Smith, Esq.
Principal Clerk for Bills, W. E. Walmisley, Esq.
Clerk atlending the Table, and Cashier, W. A. Green, Esq.
Other Clerks in the Office, P. Birch, E. M. Parratt, B. S. R. Adam, M. F.
Halliday, W. H. Halines, F. Vane, C. Congreve, O. E. Grant, J. H. Robinson,
A. W. Dhourg, H. Walmisley, W. Malony, C. W. Green, Esqrs.; Hon. F.
Stonor, J. Birch, F. G. Green, A. Pechell, G. J. Webb, H. Brougham, M. A.
Thoms, W. H. Palk, H. C. Malkin, Esqrs.; Hon. E. P. Thesiger, R. W.
Monro, A. Harrison, Esqrs.
Private Bill Office, B. S. R. Adam, Esq.
Peers' Printed Paper Office, O. E. Grant, Esq.
Summoning Officer and Receiver of Fees, Parliament Office, W. A. Malony, Esq.
Messengers, Messrs, T. Arnold, H. Dean, B. Higginson, J. Bailey, B.
Williamson.
Librarian, J. H. Pulman, Esq.
Deputy Librarian, W. I. Thoms, Esq., F.S.A.
Examiners for Standing Orders, S. Smith, Esq.; C. Frere, Esq.
Clerk, E. Webster, Esq.

Gentleman-Usher of the Black Rod, Admiral Sir A. W. Clifford, Bart., C.B. Yeoman-Usher, Colonel R. C. Spencer Clifford.
Ssrgeant-at-Arms, Lientenant-Colonel Hon. W. P. M. C. Talbot.
Deputy, G. Wallace Goodbody, Esq.
Receiver of Fees, House of Lords, G. J. Oldrini, Esq.
Shorthand Writer, Jos. Gurney, Esq.; Assistant, W. H. Salter, Esq.
Principal Doorkeepers, Messrs. G. J. Oldrini, R. Moody, W. Moyes, W.
First-class Assistants, Messrs. W. L. T.

Howard.

First-class Assistants, Messrs. W. H. Brophey, H. K. Brown, T. Ramsay.

Second-class ditto, Messrs. A. Ward, H. Holloway, J. Smith, H. Goddard.

Third-class ditto, Messrs. J. Nicholl (to Bishops), W. Webb, H. Fox.

Messengers, Messrs. G. Lovett (to Lord Chancellor), J. Kendall, J. Leverett
(to Library), J. Hall, J. G. B. Marshall, W. Chandler (to Chairman of Committees). Ventilator, Mr. E. Jones.

Superintendent of Refreshment Rooms, Mr. W. Bladon.

Housekeeper, Mrs. Bennett; Necessary Woman, Mrs. Oldrini.

Police Inspector attending the House of Lords, Mr. W. Moran.

EAST INDIA ARMY AGENTS.

Barber, James, and Co., 136, Leadenhall-street. Grindlay and Co, 55, Parliament-street. Ridgway, A. F. and Sons, 40, Leicester-square. Richardson and Co., Pall-mall. Smith, Elder, and Co., 65, Cornhill, and Pall-mall.



A MOONLIGHT TRIP.

	1_	1		SUN.		MO	ON.	DURATION	OF M	OOXLIGHT.	HIGH W.	ATER AT	1
D. OF	D.	ANNIVERSARIES, FESTIVALS,	7.1	Souths	-	Rises.	Sets.	Before Sunrise.	1	After Sunset.	London Bridge.	Liverpool Dock.	Day
М.	W.	OCCURRENCES, ETC.	Rises.	nfter Noon.	Sets.	Aftern.	Aftern.	O'Clock,	Moon's	O'Clock,	Morn. Aftern.	Morn. Aftern.	Year.
1	S	Battle of the Boyne, 1690	н. м. 3 49	м. s. н 3 318	I. M.	H. M.	н. м.	1 2 3 4 5	THE PARTY NAMED IN	7 8 9 10 11	Н. М. И. М.	Н М. Н. М.	
2	~		3 50	3 43 8		0 51	11 48		9		7 18 7 40	4 18 4 42	
3	178 1	3RD S. AFT. TRIN. Visitn. Dog Days begin	3 50	3 548		$\frac{1}{2} \frac{54}{57}$	Morn.				8 4 8 36	5 14 5 48	
4	m	Oxford Act	3 51	4 58		3 59	0 12		10		9 10 9 42	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	101
5	W	Mean Daily Temperature, 60 deg.	3 52	4 15 8		5 1	$0.42 \\ 1.16$				10 14 10 47	7 25 7 58	1200
6	lan		3 53	$\frac{4}{4} \frac{15}{25} \frac{3}{8}$		5 58			12		11 20 11 50	8 28 8 55	1200
7	F	Thomas à Becket	3 54	4 35 8			1 57	-	15		0 17	9 20 9 42	1
8	S	Oxford Trinity Term ends	3 54	4 44 8		$\begin{array}{c} 6 & 51 \\ 7 & 36 \end{array}$	$\frac{2}{3} \frac{46}{43}$				0 42 1 4	10 5 10 27	188
9	S			4 538		8 17	3 43 4 48		Q		1 27 1 49	10 48 11 10	189
10	1	London Bridge burnt, 1212	3 56	5 28		8 53			16		2 10 2 32	11 32 11 52	130
11	(m		3 57	5 10 8		9 23	$\begin{array}{cccc} 6 & 0 \\ 7 & 14 \end{array}$		4		2 54 3 14	- 0 13	10 -
12		Mean Daily Temperature, 61 deg.	3 59	5 188		9 50	8 32		18		3 35 3 54	0 32 0 52	102
13		Buckingham Palace comp., 1837	4 0	5 25 8	10	10 17	9 49				4 14 4 36	1 14 1 36	193
14	F	Birmingham Riots, 1791	4 1	5 328	10	10 47	117		21		$\begin{vmatrix} 4 & 58 & 5 & 19 \\ 5 & 43 & 6 & 7 \end{vmatrix}$	$\begin{vmatrix} 1 & 57 & 2 & 21 \\ 2 & 45 & 3 & 11 \end{vmatrix}$	194
15	S	St. Swithin	4 2	5 38 8	3 9	11 16	Aftern.		d		6 33 6 59	3 37 4 5	195
16	S	5TH SUND. AFT. TRINITY		5 44 8	8	11 48	1 38				7 27 7 56	4 34 5 4	
17	$\dot{\mathrm{M}}$	Charlotte Corday executed, 1793	4 4	5 49 8		Morn.	2 53		24		8 26 9 2	5 40 6 17	$\frac{197}{198}$
18	Tu	Battle of Vienna, 1683	4 6	5 54 8	-	0 26	4 1		25		9 39 10 15	6 53 7 30	199
19	TTT	Petrareh died, 1374	4 7	5 588	3 4	1 12	5 3		26		10 52 11 29	8 7 8 40	200
20	Ti	Margaret	4 8	6 28		2 5	5 58		27		- 0 2	9 13 9 40	201
21	F	Battle of Bull Run, 1861	4 9	6 58	- 1	3 3	6 43		20		0 35 1 2	10 8 10 31	202
22		Mary Magdalene	4 11	6 88	3 1	4 6	7 22		0		1 30 1 53	10 54 11 16	203
23	1	6TH SUND. AFT. TRINITY	4 12	6 10 7	59	5 14	7 52		3		2 16 2 38	11 37 11 56	204
24		Length of Day 15h. 45m.	4 13	6 12 7	58	6 20	8 19		2		2 59 3 18	- 0 15	205
		French Revolution, 1830	4 15	6 13 7	57	7 25	8 44		2 3		3 37 3 54	0 32 0 49	206
26	1	St. Anne	4 16	6 13 7	55	8 30	9 9		45		4 11 4 29		207
27		Battle of Talavera, 1809	4 18	6 13 7	54	9 34	9 30		5		4 46 5 2	1 40 1 57	208
28	F	Twilight ends 11h. 0m.	4 19	6 12 7	52	10 37	9 53		6		5 19 5 36		209
29	10	Andrew Marvel died, 1678	4 21	6 10 7	51	11 40	10 16		7		5 53 6 13	-	210
30	S	7TH SUND. AFT. TRINITY		6 8 7		Aftern.	10 43		0		6 33 6 54	3 32 3 52	211
31	JAL	St. Helena discovered, 1502	4 24	6 6 7	48	1 44	11 14		O		7 14 7 37	4 15 4 44	212
		no											

THE ILLUSTRATED LONDON ALMANACK FOR 1865. THE SHAKSPEARE COMMEMORATION AT STRATFORD-ON-AVON; SCENE FROM "TWELFTH NIGHT" AS PLAYED IN THE FESTIVAL PAVILION.—FROM "THE ILLUSTRATED LONDON NEWS."

LIST OF PERSONS OF NOTE OR TITLE WHO HAVE 7.—Ely, the Right Rev. Thomas DIED WITHIN THE LAST TWELVE MONTHS

*** Detailed Biographical Notices of all these persons are to be found in the ILLUSTRATED LONDON NEWS.

Aug. 15.—Wilmot. Commander Edward, R.N., fell in action, on board her Majesty's ship Euryalus, before Kagosima, in Japan.
Josling, Captain John James Stephen,

Joshing, captain the same action and same ship.

Sept. 16.—Nicolson, Sir Arthur, seventh Baronet, of Nicolson and

Leswade.
20.—Grimm, Jacob Ludwick, a very eminent philologist.
24.—Dashwood, Sir John Richard, sixth Baronet, of West Wycombe, Buekinghamshire.
26.—Faber, the Very Rev. Frederic, D.D., Superior of the Oratory at Brompton, a poet, writer, and divine of great distinction.
28.—Humphery, the Right Worshipful John, Alderman of the city of London and Governor of the Irish Society.

Society.

30.—Sinclair: the Right Hon. Charles St. Clair, twelfth Baron Sinclair, in the Pecrage of Scotland.

In Sept.—De Vigny, Count Alfred, the celebrated author of "Cinq Mars."

Mars."
Oct. 2,—Bellairs, Sir William, Knt., of Mulbarton Lodge, Norfolk.
5.—Sheepshanks, John, Esq., the accomplished owner of the famous collection of pictures known as the Sheepshanks Gallery.
6.—Trollope, Mrs. Frances Anne, one of the cleverest and most amusing novelists of her day.
8.—Dublin, the Right, Hon, and Most Rev. Richard Whately, D.D., Archbishop of, an eminent writer, logician, and divine.
8.—Bonham, Sir Samuel George, Bart., K.C.B.

8.—Bonham, Sir Samuel George Bart., K.C.B. 8.—Darling, General William Lindsay.

8.—Darling, General William Lindsay, a distinguished Peninsula and Waterloo officer.
12.—Lyndhurst: the Right Hon. Sir John Singleton Copley, Baron Lyndhurst, S.L., P.C., F.R.S., D.C.L., High Steward of the University of Cambridge and one of the Governors of the Charterbouse aged 91: a great of the Charterhouse, aged 91; a great lawyer, orator, judge, and states-

man.
16.—Stewart, Lady Katherine.
17.—Charleton, Lieutenaut-Colonel

Henry Wilmot.

3.—Anstruther, Sir F.

combic, fourth Baronet Sir Ralph Aber-William, E

M.P. for Windsor. 18.- Login, Sir John Spencer, M.D.

... Langston, James Haughton, Esq., M.P. for Oxford. ... Weld, Joseph, Esq., of Lulworth

Castle.

Castle.
22.—Vernon, the Rev. Charles, D.D.,
of Wherstead Park, and Great
Thurlow Hall, Suffolk.
22.—Macneil, General Roderick, of
Barra, in the county of Inverness,
Chief of the Clan Macniel, a General
in the British Army and Colonel of
the 38th Highlander.

in the British Army and Colonel of the 78th Highlanders.
23.—Nugent, Sir Hugh Joseph, fourth Bart, of Ballinlough Castle, in the county of Westmeath, and a Count the Holy Roman Empire.
25.—Raikes, Henry, Esq., F.R.G.S., of Llwynegrin Hall, Flintshire.
26.—Jolyson Lightgenard, General

of Llwynegrin Hall, Flintshire, 3,—Jolnson, Licutenant-General William, Beg., M.P. for Andover, President of St. Bartholomew's Hospital, and for two successive years Lord Mayor of London. Oct.—Carton, the Rev. Abbé, Canon of Bruges and Knight of the Order of Leondol the philapthypoid.

Order of Leopold, the philanthropic founder and director of the famous asylum for the deaf, dumb, and blind, at Bruges.

n Oct.—Johnstone, General John Douglas, C.B., a very gallant Crimean officer.

ov. 1.—Stanley of Alderley, the Right Hon. Maria Josepha, Dowager

Leven and Melville, the Right on. Elizabeth Ann, Dowager Hon.

6.—Leven and Melville, the Right
Hon. Elizabeth Ann, Dowager
Countess of.
11.—Chesham, the Right Hon. Charles
Compton Cavendish, Baron.
13.—Sinclair, Admiral Sir John
Gordon, eighth Baronet.
13.—M'Caul, the Rev. Alexander,
D.D., Professor of Hebrew and
Divinity, of King's College, London,
Prebendary of St. Panl's Cathedral;
a distinguished theological and
polemical writer.
15.—Denmark, Frederick VII. (Charles
Christian), King of.
16.—Bolton, the Hight Hon. Maria,
Dowager Lady.
17.—Gilbert, Sir Francis Hastings,
second Baronet.
20.—Eigin: his Excellency the Right
Hon. Sir James Bruce, eighth Earl
of Elgin, K.T., K.C.B., P.C., Viceroy
and Governor-General of India, a
leading statesman and diplomatist.
21.—Scott, Sir Francis Edward, third
Baronet.
23.—Jerrard, George Birch, Esq., a
distinguished anthor.

- Jerrard, George Birch, Esq., a

23.—Jerrard, George Birch, Esq., a distinguished author.
29.—Plumridge, Admiral Sir James Hanway, K.C.B.
30.—Skipwith, Sir Thomas George, ninth Baronet.
In Nov.—Montebello, Eleanor Mary, Duchess of.
In Nov.—Owen, the Rev. Edward Pryce, M.A., a distinguished patron of painting, collector of pictures, and artist.
In Nov.—Eliot. Captain Edward John. Dec. 2.—Midleton: the Right Hon.

In Nov.—Eliot. Captain Edward John.
Dec. 2.—Midleton: the Right Hon.
Charles Brodrick, sixth Viscount
Middleton.

Middleton.
—Martin, Sir Henry, third Bart., of Lockynge, Berks.
—James Duffield Harding, Esq., a distinguished water-colour land-scape painter.
—Lincoln, the Very Rev. Thomas Garnier, Dean of, B.C.L., a writer of note.

of note.

O.—Wightman, the Hon. Sir William, 0.—Wightman, the Hon. Sir William, S.L., First Puisne Justice of the Court of Queen's Bench; a highly-respected lawyer and Judge, O.—Barrows, William, Esq., of Himley Honse and Bloomfield Ironworks, Staffordshire.

Staffordshire.
12.—Fitzgibbon, Colonel James.
14.—Shiffner, the Rev. Sir George.
M.A., third Bart., of Coombe, Sussex,
18.—Forshall, the Rev. Josiah. M.A.,
F.R.S., some time Fellow and Tutor of Exeter College, Oxford, and sub-sequently Keeper of MSS., and also Secretary of the British Museum; a distinguished writer.

distinguished writer.
20.—Glyn, Sir Richard Plumptre, second Bart., a gentleman of the Privy Conneil.
24.—Thackeray, William Makepeace, one of the greatest novelists and essayists of his age.
26.—Charlemont, the Right Hon. Sir Francis Caulfield, second Earl of, K.P. P. C.

K.P., P.C. .—Boyle, the Lady Blanche Emma, Viscountess. 96

Pakenham, the Hon, and Very 26.-Rev. Henry, D.D., Dean of St. Patrick's and Christchurch, Dublin, and Registrar of the Order of Si Patrick.

Patrick.
)... Valentia, the Right Hon. Sir
Arthur Annesley, Viscount.
)... Campbell, Miss Alicia; sister of
the illustrious Sir Colin Campbell,

G.C.B., Lord Clyde.
In Dec.—Ayscough, John, Admiral of
the Red, the oldest Admiral in the

Navy. In Dec.—Riley, William Felix, Esq.

Jan. 3.—Behnes, William, a sculptor of high repute.
5.—Gage, Admiral Sir William Hall, G.C.B., Admiral of the Fleet.
6.—Wynyard, Major-General Robert Henry, C.B., Colonel of the 98th Regiment of Foot. 1864

tinguished divine and writer on

neology. Combe, Boyee, Esq., barrister law, and magistrate. and a metropolitan police

Hobart Fitzgibbon, third Earl of.

Hobart Filegroun, that earl of. 16.—Athole, his Grace Sir George Augustus Frederick John Murray, K.B., sixth Duke of. 18.—Cleveland, his Grace Sir Henry Vanc, K.G., second Duke and Mar-

quis of. 2.—Atherton, Sir William, Q.C., M.P., a Bencher of the Inner Temple, and recently Attorney-General.

23.—Henderson, Admiral George, R.N. Allenderson, Admiral George, R.N.
 Allen, Rear-Admiral William, R.N., of Bank Honse, Weymouth.
 Brinckman, Lady Annabella.
 Meredyth, Dollgny. Lady, widow of Sir Joshua Meredyth, Bart.
 Law, the Hon. Elizabeth Sophia.
 Admirate Admirate Sophia.

writer.
.—Rose, Heinrich, F.R.S., a noted German analytical chemist.

31.—Gordon, her Grace Elizabeth, Duchess of. Feb. 1.—Parma: H.R.H. Louisa Maria

who were both assassinated.

2—D'Alton, the Hon. Rosalic, Countess.
2.—Procter, Miss Adelaide Anne, a poetess of note, daughter of the poet Bryan Procter, Ed. (Barry Cornwall).
3.—Hardinge, the Rev. Sir Charles, second Baronet.
5.—Lygon, Lady Lonisa.
7.—Fitz-gerald, the Hon. Mrs. Foster Vesey, née the Hon. Leitia Foster.
7.—Newman, the Rev. William Abiah, D.D., F.S.A., formerly Dean of Cape Town; a writer of talent.
3.—Ruthven, Mary Baroness, 3.—Ce. Theresa d'Artois de Bourbon, sister of Henri, Count de Chambord, Dowager Duchess of Parma, an ami-able but most unfortunate Princess,

Baroness.
.—Cory, Rear-Admiral Nicholas,

16.—Dalling, Sir William Windham,

second Baronet.

22.—Bankes,LadyCharlotte Elizabeth.

23.—Wake, Sir Charles, tenth Baronet.

24.—Gillis, the Right Rev. James,

D.D., Catholie Bishop of Limyra and

Vicar Apostolic of Edinburgh; an

eminent orator, preacher, and

28.—Biddulph, Robert, Esq., F.R.G.S. the head partner of the great banking firm of Biddulph, Cocks, and Co. 29.—Swinburne, Lieutenant-General Thomas Robert, F.R.S. In Feb.—Sutton, Major-General Wil-liam, C.B., commanding the troops

ham, C.B., commanding the except at Dover.

March 1.—Roberts, Sir Thomas How-land, second Baronet, J.P.
2.—Brown, Sir William, Bart., one of the most eminent merchant princes

of Liverpool.
3.—O'Brien, Stafford, Esq., of Blather-

wycke Park, in the county of Northampton.
—Parker, Captain Thomas Edwards,

Esq.).—Bavaria, Maximilian II. (Joseph), 10.

King of, 12.—Loftus, Sir Francis Hamilton,

12.—Loftus, Sir Francis Hamilton, third Baronet.
15.—Stöckenström, Sir Andrew, Bart., of Maastrom, Cape of Good Hope, formerly Lieutenant-Governor of that colony.
18.—Patton, Admiral Hugh.
22.—Abordeen, the Right Hon. Sir George John James Hamilton-Gorden, fifth Earl of.
25.—Sidmouth, the Right Hon. and Rev. William Leonard Addington, second Viscount.
28.—Hesse-Cassel, H.R.H. Princess

second Viscount.
28.—Hesse-Cassel, H.R.H. Princess
Louisa Charlotte, Landgravine of.
29.—Wemyss, James Hay Erskine,
Esq., M.P. for Fifeshire.
30.—Hulton, William, Esq., of Hulton
Park, Lancashire, J.P. and D.L.,
and formerly Constable of Lancaster
Castle

-Coorg, the Princess Victoria

Gonramma of. In March.—Ashburton, the Right Hon. William Bingham Baring, P.C., second Baron.

second Baron.
In March.—Emly, the Very Rev. Denis
Browne. M.A., Dean of.
In March.—Thomson, Admiral John,
senior retired Admiral, R.N.
In March.—Horner, Leonard G., Esq.,
F.R.S., a distinguished writer.
April 2.—Glengall, the Right Hon.
Margaret Lauretta Butler, Countess

Bnrer, Licutenant-Colonel Gabriel

Bnrer, Lieutenant-Colonel Gabriel.
 Watts, Alarie Alexander, Esq., an excellent poet, journalist, and general writer.
 Bingham, Colonel Charles, R.A., Depnty Adjutant General.
 Stauhope, the Hon and Vcry Rev. Fitzroy, M.A., Dean and Rector of St. Burian, Cornwall. heir presumpto the Earldom of Harrington.
 Conroy, Dowager Lady Elizabeth.
 Peterborough, the Right Rev. George Davys, D.D., Lord Bishopof.
 Collesworth, the Rev. John, late Rector of St. Midred's, Bread-street, Cheapside.
 Hicketts, Thomas Bourke, Esq., of

23.—Ricketts, Thomas Bourke, Esq., of 6.—Horsetts, thomas Bourke, Esq., of Coombe, in the county of Hereford, the venerable representative of a very honourable and ancient family. 6.—Dalrymple-Hay, Captain Thomas Hugh Vans.

composer.
3.—Spencer, the Rev. Almeric John Churchill, Incumbent of Erle Sterndale-cum-Burbage.
8.—Anderson. Sir James, a magistrate

dale-cum-Burbage.
8.—Anderson, Sir James, a magistrate for Dumbartonshire.
11.—Heneage, George Fieschi, Esq., a magistrate and Deputy Lieutenant for the county of Lincoln.
14.—Robinson, Admiral Hercules, R.N.
16.—Tulloch, Major-General Sir Alexander Murray, K.C.B.
19.—Lake, Major-General Noel Thomas, C.B., R.A.
19.—Hawthorne, Nathaniel, one of the most distinguished 'American novelists and writers of his time.
22.—Pélissier, his Excellency Aimable John James, Duke of Malakoff, a Marshal of France, commanding the 7th Corps d'Armée, and Governor-General of Algeria, a very famous French military leader.
22.—De Septeull: the Lady Horatia, née Capel, Countess de Septenil.
27.—Graham, Sir Edward, ninth Bart. Torrens, Lientenant-Colonel Roberts, and by the lady the state of the lady the state of the lady Horatia, née Capel, Countess de Septenil.

Torrens, Lieutenant-Colonel Robert, noted for his writings on political economy, and for his connection with the colonisation of South Australia.

Cochrane, Major Robert, Military Knight of Windsor; a Peninsula and Waterloo officer. Military

30.—Bacon, Sir Edmund, the Premier Bart. In May.—Dubufe, Claude Marie, the great French portrait and historical

great French portrait and historical painter.

June 1.— Brakenbury, Lieutenant-Colonel Sir Edward, Kht., Knight of St. Fernando and Isabella the Catholic of Spain, K.T.S, and Knight Commander of St. Bento d'Avis, of Portugal

Commanues of Portugal.
3.—Fox, William Johnson, for many years M.P. for Oldham, one of the ablest and most eloquent of the lecturers of the Anti-Corn Law

publications.

Brooks, Samuel, Esq., the well-known leading banker and agriculturist.

11.—Vane - Tempest, Lieutenant-Colonel Lord Adolphus Frederick Charles William, M.P. for North Durham, a Deputy Lieutenant and J.P. for the county of Durham.

11.—Mazzinghi, George Dominick, a Count of the Lateran Hall and Apostolic Palace, in the Papal dominions.

11.—Ferrier, James F., LL.D., Pro-

dominions.
11.—Ferrier, James F., LL.D., Professor of Moral Philosophy in St. Salvator and St. Leonard College, University of St. Andrews.
13.—Grenville, Lady, widow of the Minister and statesman Lord Grenville.

-Fanshawe, Sir Arthur, K.C.B.,

Admiral of the Blue.
5.—Gosford, the Right Hon. Sir
Archibald Acheson, K.P., third Earl

of.
17.—Cure, The Rev. William, D.D.,
F.R.S., a Canon of Westminster,
Rector of St. Margaret's, Chaplain
in Ordinary to the Queen, and a
Royal Trustee of the British

17.—Miller, Professor James, an eminent surgeon and medical eminent

author.

8.—Lance, Mr. George, one of the best still-life painters of his time.

20.—Poulett, The Right Hon. John Poulett, fifth Earl.

21.—Craven, the Hon. Frederick

21.—Curaven, the Hon, Frederick, 24.—Codrington, Sir Christopher William Bethell, M.P. for East Gloucestershire, D.L. and J.P. for the same county, and Captain of the Dodington squadron of

yeomanry. 5.—Wirtemberg, William I. (Frederic

25.—Wirtemberg, William I. (Frederic Charles), King of.
27.—Whiteside, the Rev. John William, D. C.L. (Surrogate), Viear of Searborough, Yorkshire, an excellent divine, brother of the Right Hon. James Whiteside, M.P.
29.—Miller, the Rev. Sir Thomas Combe, sixth Barouet, Vicar of Provide Heavis

Combe, sixth Baronet, Vicar of Froyle, Hants. aly 1.—Dalton, John, Esq., of Sleningford Park, Yorkshire, J.P.

Sleningford Park, Yorkshire, J.P. and D.L.

—Cox, Lieutenant-Colonel Sir William, Knt., of Cooleliffe, in the county of Wexford, C.B., K.T.S., J.P., and D.L.

—Grattan, Thomas Colley, Esq., a very elever novelist, essayist, and writer.

Prostruction the Rey John

very clever inverset, essays, and writer.

5.—Branthwaite, the Rev. John, M.A., Principal of St. Edmund Hall, Oxford.

17.—Cust, the Hon. and Rev. Richard, Rector of Belton.

19.—Wood, Alexander, of Woodcot Park, Haddingtonshire, a Lord of Session in Scotland, as Lord Wood.

20.—Hardinge, Major-Gen. Richard, Royal Horse Artillery, K.H.

20.—Kemmis, William, Esq., formerly Crown Solicitor of Dublin and the Leinster Circuit.

22.—Ridley, the Dowager Lady, and her daughter, Mrs. Cookson.

Licutenantus Frederick
P. for North
entenant and
Durham.

22.—Merewether, Henry Aldworth,
senior Scrjeant-at-Law (with a
patent of precedence).
22.—Browne, Colonel Fielding, C.B.,
an old Peninsula and Waterloo

officer. 23.—Cator, Admiral Bertie Cornelius, a highly meritorious naval officer. 6.—Divett, Edward, Esq., M.P. for 26. Exeter

Exeter.
27.—Lodge-Ellerton, Lady Henrietta
Barbara, wife of John LodgeEllerton, Esq., of Bodsilin, in the
county of Carmarthen, who is a
poet and composer of note.
27.—Brereton, Lieutenant-Geueral Sir
William, of the Royal Artillery,
K.C.B., K.H.
28.—Brasier, Vice-Admiral James,
B.N.

R.N

R.N.
n July. — Gardiner, General Sir
Robert William, G.C.B., Colonel
Commandant R.H.A.
n July. — Grinfield, The Rev. Edward
William, M.A., of Lincoln College,
Oxford, the venerable and learned
annotator of the Septuagint.

Num. 6.—Sinclair. Miss Catherine

oxford, the Septragint.

Aug. 6.—Sinclair, Miss Catherine, well known as an able writer and an active philanthropist.

7.—Enstace, Licentenant-General Sir John Rowland, K.H.

9.—Rowland Enstace, Licuteuant-General Sir John, K.H.

10.—Dilke, Charles Wentworth, Esq., the proprietor of the Atheneum.

12.—Ferguson, the Hon. Elizabeth Jane, of Pitfour.

12.—Southey, Miss Katherine, a daughter of Robert Southey, the poet.

13.—Hastie, Alexander, Esq., for ten

13.—Hastie, Alexander, Esq., for ten years M.P. for Glasgow.
15.—Bruce, Robert, Esq., the representative of the Scottish House of

Bruce, of Kennet.

Semante of Kennet.

4.—Tollemache, Lady Emily Frances.

4.—M'Carthy, Sir Charles Justin,
Governor of Ceylon.

7.—Thomson, Dr. Robert Dundas,
F.R.S., a gentleman of considerable
note in the scientific world.

7.—O'Malley, Sir Samuel, Bart., a
Deputy Lienteuant and Magistrate
of the county of Mayo.

9.—Rodney, Sir Robert Dennett, sixth
Lord Rodney.

1.—Crawford, Joseph Tucker, Esq.,
C.B., Consul-General at the Havannah.

nah Morley, the Right Hon. Edmund

28.—Morley, the fight from Edmand Parker, second Earl of. 29.—Sebright, Sir Thomas George Saunders, eighth Baronet. 30.—Kuightley, Sir Charles, second Baronet, a well-known agriculturist and breeder of cattle.

and breeder of cattle.
In Aug.—Mr. Robson, the celebrated actor.
In Aug.—Reynett, General Sir James Henry, K.C.B. and K.C.H.
In Aug.—Morton, Mr. John, a leading member of the Royal Agricultural Society.

Society.
Sept. 1.—Ratcliff, Sir John, a highly-distinguished Alderman, and three times Mayor, of Birmingham.

IRISH TITLES OF HONOUR.—Titles of honour are still borne by the representatives of some of the old Milesian families in Ireland. Some of these titles have become extinct in course of time, such as The M'Carty More, the White Knght, The O'Sullivan Bear, The O'Moore, &c., and some have been merged in pecrages. The O'Bryen in the titles of Thomond (now extinct) and Inchiquin, the O'Neills in an earldom (extinct), The O'Callaghan in Lord Lismore, and the descendant and representative of the O'Brynes in Lord de Tabley. But the following titles are still preserved and generally acknowledged:—The O'Donoghue of the Glens, The O'Conor Don, The Knight of Kerry, The Knight of Glen, The O'Grady, The M'Gillicuddy of the Recks, and The M'Dermot, Princ of Coolvain. The two first of these represent Irish constituencies, and it is believed are the only Irish chieftains who have adhered to the national religion: all the others are Protestants. Indeed, it is a curious circumstance, that while we see the O'Neills, the O'Briens, the O'Callaghans, the O'Byrnes—indeed, almost all the lineal descendants of the old Irish families—stanch Protestants (some of them even); we find, on the other hand, that the leading Roman Catholle Nobility and Gentry in Ireland are mostly of English and Protestant extraction. Thus, the Brownes, Earls of Kenmare, came over originally in the reign of Queen Elizabeth, and, being Protestants, obtained large grants of The O'Donoghue property in Kerry, forfeited by Roderick O'Donaghue, in the reign of Glizabeth, and by Geofrey O'Donoghue, "dead in Rebellion," in the reign of Hizabeth, and by Geofrey O'Donoghue, "dead in Rebellion," in the reign of Hizabeth, and by Geofrey O'Donoghue, "dead in Rebellion," in the reign of Hizabeth, and by Geofrey O'Donoghue, "dead in Rebellion," in the reign of Hizabeth, and by Geofrey O'Donoghue, "dead in Rebellion," in the reign of Hizabeth, and by Geofrey O'Donoghue, "dead in Rebellion," in the reign of Hizabeth, and by Geofrey O'Donoghue, "dead in Rebellion," at the head of t IRISH TITLES OF HONOUR.—Titles of honour are still borne by

RATES OF POSTAGE, MONEY ORDERS, NEWSPAPERS, &c.

Inland Letters to any part of the United Kingdom, if not exceeding half an onnee, are charged

Exceeding half an ounce, but not exceeding 1 onnee

2d. .. 1d.

", 1 ounce ", ", 2 ounces 4d.
", 2 ounces ", ", 3 ounces 6d.
And so on, an additional twopence for every additional ounce, or fraction of

an ounce.
Unstamped Letters are charged double postage on delivery.
All Letters should be clearly addressed in a plain hand. The stamp should stand above the address, to the right hand of the writer.
If coin be inclosed in a letter, the letter will be charged double the fee of a

Registered Letter.

Registered Letter.

Letters to go the same day into the Country must be put in at the Receiving Houses before half-past five p.m.; at the Branch Offices before six; or with an additional stamp before a quarter to seven. Letters are received at St. Martin's-le-Grand only until seven, by paying one penny extra; and until half-past Seven by paying sixpence extra, or by placing stamps to that amount on the letter extra to the postage.

Within the Town limits there are eleven deliveries daily; the first or general despatch is made from St. Martin's-le-Grand at about 7.39 a.m., and the delivery is generally completed throughout London by nine o'clock. The last despatch is made at 7 p.m., and all letters for this delivery should bear the district initials to ensure delivery.

REGISTERED LETTERS.—Colonial letters, book-packets, &c., eveent those to

district initials to ensure delivery.

REGISTERED LETTERS.—Colonial letters, book-packets, &c., except those to Ascension, Vanconver, British Columbia, and Labuan, may be registered upon payment in money of a fee of 6d, over and above the postage. Letters only can be registered to certain foreign countries, but in many cases only to the port of despatch. Inland letters are charged 4d.

Registered Letters for France, and Countries through France, except those sent in the closed Mails to India, &c., are charged a fee equal in all cases to the postage. To Russia, Poland, and Italy, 6d. in addition to 4d. for every \(\frac{1}{2}\) oz, or fraction thereof. Registered Letters must be posted half an hour previous to ordinary Letters. previous to ordinary Letters.

Stamped Newspapers from one Post Town to another within the United Kingdom, free, provided that they are folded with the Stamp outside, and posted within differen days of publication. India via Southampton, 2d. Newspapers to the Colonies, whether stamped or unstamped, ld.; viâ any Foreigu Country, 2d.

Country, 2d.

MONEY ORDERS are granted and paid at every Post Town in the United Kingdom:—3d. for sums not exceeding £2, and 6d. not exceeding £5, not exceeding £7, 9d., and £10, 1s. The Commission on Money Orders to the Colonies is fourfold these sums, and ou Money Orders payable at Malta, or Gibraltar, threefold.

Payment of an Order must be obtained before the end of the second month, exclusive of the month the Order was issued in, or a fresh commission must be paid; under any circumstances an Order will not be paid after twelve clear months.

In case of the miscarriage or loss of a Money Order, a duplicate is granted

In ease of the misearriage or loss of a Money Order, a duplicate is granted on a written application (with the necessary particulars, and inclosing the amount of a second commission in postage-stamps) to the Comptroller of the Money Order Office of the Kingdom where the Original Order was issued.

SAVINGS BANKS have now been established at most of the money-order offices. Deposits are received daily from 1s. upwards, and upon every complete pound yearly interest is given at the rate of £2 10s. per cent.

plete pound yearly interest is given at the rate of £2 10s, per cent.

COLONIAL AND FOREIGN MAILS.—The Mails are made up for the United States every Saturday evening and Wednesday morning, Is. Australia, New Sonth Wales, New Zealand, Queensland, Tasmauia, and Mauritius, vià Southampton, 20th, M., 6d, 26th viá Marseilles, E., 10d, under ½ oz. Canada, Thursday, E., 6tters vià United States, 8d.) Cape Coast Castle, Sierra Leone, 23rd, E. 6d. Cape of Good Hope, 5th, E., 1s. Ceylon (10d.,) China, vià Marseilles, 1s. 4d. 10th and 26th, E.; vià Southampton, 4th and 20th, M., 1s. under ½ oz. (Ceylon, 6d.) Egypt and Malta (6d. under ½ oz.) India, vià Marseilles, 10d. under ½ oz. 3d, 10th, 18th, 26th, E., (no Mails to Bombay or the North-West Provinces are forwarded on the 10th and 26th and 26th; vià France, 6d. under ½ oz. New Brunswick, Nova Scotia, alt. Sat. E. (6d.) or vià United States, alt. Sat. E. (8d.) Newfoundland, Prince Edward Island, alt. Sat. E. 6d. Vancouver Island, (British Columbia), every Saturday, E. vià New York, Is. 2½d., West Indies, British, 2nd and 17th M., 1s.

Island, alt. Sat. F. 6d. Valuebre Island, Orbitsh Coolambary, Cevis, Saturday, E. vià New York, 1s. 2½d., West Indies, British, 2nd and 17th M., 1s.

France and the Continent of Europe, viâ France, twice daily. Belgium and Continent of Europe, viâ Belgium, daily.

THE BOOK POST.—A Book, unstamped Newspaper (or stamped Newspaper more than fifteen days old), or any number of Books or Printed Letters from one Post Town to another, within the United Kingdom, in a cover open at the ends, not exceeding two feet in length, and not exceeding 4 oz. 1d.; not exceeding 8 oz. 2d.; not exceeding 16 oz. 4d.; and for every additional 8 oz. or fraction thereof, 2d. A Book-packet may contain any number of separate books or other publications (including printed letters, and printed matter of every kind); but no written letter is allowed in any case.

The privileges of the Book Post are now extended to the whole of the British Colonies and Settlements at the following rates:—To Ceylon, East Indies, Hong-Kong, Labuan, Mauritius, New Zealand, New South Wales, Queensland, S. and W. Australia, Tasmania, and Victoria, (viā South wales, Queensland, S. and W. Australia, Tasmania, and Victoria, (viā South wales, Queensland, S. and W. Australia, Tasmania, and Victoria, (viā South wales to Queensland, or New South Wales is limited to 3 lb. To other places not exceeding 4 oz. 3d., 8 oz. 6d., 1 lb. 1s., 1½ lb. 1s. 6d., &c. Packets to any part of Cape Colony other than Cape Town, Port Elizabeth, or Mossel Bay must be addressed to the care of some one at either of these places.

Pattern Post.—Between England and France.—1st. The Pattern must.

addressed to the eare of some one at either of these places.

PATTERN POST.—Between England and France.—1st. The Pattern mast not be of intrinsic value. This rule excludes all articles of a saleable nature, wearing apparel, medicines, keys, and indeed whatever may have a value of its own, whether a money value or other, apart from its mere use as a Pattern. 2nd. The Patterns must bear only the address of the persons for whom they are intended, a manufacturer's or trade mark, numbers, and the prices of the articles. 3rd. The Patterns must be sent in covers open at the ends, so as to be easy of examination. Samples, however, of seeds, drugs, &c., which cannot be sent in open covers, may be inclosed in bags of linen, paper, or other material, tied at the neck with string. 4th. Articles such as the following are prohibited: Metal boxes, porcelain and China, fruit, vegetables, bunches of flowers, enttings of plants, spurs, knives, seissors, needles, pins, pieces of machinery, sharp-pointed instruments, acids of all kinds, &c.

1 -	SALMON-FISHING.													
D.	D.	ANNIVERSARIES,	SUN.			00N.	DURATIO	N OF MOONI	LIGHT.		HIGH W	ATER AT		
OF M.	W.	OCCURRENCES, ETC.	Rises.	Souths after Sets.	Rises.	Sets. Aftern.	Before Sunrise.	Aft	er Sunset.	London		Liverpo	ool Dock.	Day
-	-		H M.	Noon, M. S. H. M.		H. M.	O'Clock.		O'Clock. 9 10 11	Morn. H. M.	Aftern.	Morn. H. M.	Aftern.	Year.
1		Lammas Day	4 25	6 27 46	2 45			10	TTT	8 6	8 38	5 16		213
2	1	Battle of Blenheim, 1704	4 27	5 58 7 44	3 44	Morn.		n		9 14	9 51	6 29	7 6	214
3		Columbus embarked, 1492	4 28	5 54 7 43	4 39	0 36		12		10 28	11 5	7 43	8 20	215
4	F	Day breaks 1h. 46m.	4 30	5 49 7 41	5 27	1 28		13		11 42	_	8 53	9 11	216
5		Oyster Season commences	4 31	5 43 7 39	6 11	2 30				0 15	0 43	9 45	10 8	217
6	S	8TH SUND. AFT. TRINITY	4 33	5 36 7 38	6 49	3 39	- 10 411	15		1 7	1 30	10 29	10 51	218
7	M	Twilight ends 10h. 10m.	4 34	5 29 7 36	7 22	4 53				1 51	2 13	11 12		219
8		Canning died, 1827	4 36	5 22 7 34	7 54	6 11		17 ///		2 34	2 55	11 54	_	220
9		Louis Philippe proclaimed, 1830	4 37	5 14 7 32	8 22	7 31		18		3 16	3 38	0 16	0 37	221
10	77	St. Lawrence	4 39	5 5 7 30	8 51	8 51		19		3 59	4 19	0 57	1 17	222
11		Dog Days end	4 40	4 55 7 28	9 20	10 10		20		4 39	5 0	1 38	2 0	223
12		Grouse-shooting begins	4 42	4 46 7 26	9 52	11 27		21		5 22	5 45	2 23	2 47	224
13		9TH SUND. AFT. TRINITY	4 44	4 35 7-24	10 28	Aftern.		0 /////		6 9	6 33	3 11	3 37	225
	-	Day breaks 2h. 18m.	4 45	4 24 7 23	11 12	1 52		23 ////		6 59	7 26	4 4		226
15	***	Twilight ends 9h. 45m.	4 47	4 13 7 21	Morn.	2 57		24		7 58	8 33	5 11		227
16		Gas introduced, 1807	4 48	4 1 7 19	0 1	3 53		25		9 13	9 56	6 34		228
17		Charles X. arrived in England, 1830	4 50	3 49 7 17	0 57	4 40		26 ///		10 38	11 19	7 57		229
18		Mean Temperature, 60 deg.	4.52	3 36 7 15	1 57	5 21		26 27		11 56	_	9 3		230
19		Bloomfield died, 1823	4 53	3 22 7 13	3 2	5 53		28		0 25	0 52	9 56		231
20		10TH SUN. AFT. TRINITY	4 55	3 8 7 11	4 7	6 23		29		1 18	1 41	10 40	11 0	232
21	M	Lady M. Montagne died, 1762	4 56	2 54 7 8	5 13	6 48		0		2 2	2 22	11 19	11 35	233
22		Battle of Bosworth, 1485	4 58	2 39 7 6	6 18	7 11				2 41	2 57	11 52		234
$\frac{23}{24}$	m		5 0	2 24 7 4	7 21	7 34		2		3 14	3 30	0 8	0 24	235
	13	1	5 1	2 8 7 2	8 25	7 57		3		3 46	4 2	0 40	0 56	236
$\frac{25}{26}$	01		5 3	1 52 7 0	9 27	8 20		4.5		4 18	4 33	1 11	1 27	237
20			5 4	1 36 6 58	10 30	8 46		Ó	3////////////	4 49	5 6	1 44	1 59	238
28			5 6	1 19 6 56	11 31	9 15		6		5 21	5 37	2 15	2 31	239
$\frac{28}{29}$			5 7	1 1 6 54	Aftern.	9 49				5 53	6 12	2 50	3 11	240
$\frac{29}{30}$	TYPE		5 9	0 44 6 51	1 30	10 29		32	- 1	6 33	6 55	3 33	3 57	241
			$\begin{bmatrix} 5 & 10 \\ 5 & 12 \end{bmatrix}$	0 26 6 49	2 25	11 16		9		7 19	7 48	4 26	5 2	242
- 01	111	Bunyan died, 1688	5 12	0 7 6 47	3 17	Morn.				8 24	9 5	5 43	6 24	243



FERNS AND BUTTERFLIES.

JULY AND AUGUST.

FERNS AND BUTTERFLIES.

JULY AND AUGUST.

WHAT can be pleasanter at this season of the year than a ramble in the woods in search of what may turn up, be it a fern, a bramble, a moth, or a butterfly—yes, even a snake, provided it be not a poisonous one; and, as there is but one kind in England at all to be dreaded—namely, the adder, we need not fear that very much. Yet to enjoy such a ramble fully it is necessary to understand in some measure what we see, and this can only be done by some general aequaintance with natural science. If it be thought impossible to include more than one branch of natural history in a general education, perhaps botany will be the most available, and give as much enjoyment to the possessor as any other. In the education of girls especially it seems that botany is of great value. The elevating and refining influence of such a study will not terminate with the individual herself, but will spread in ever-widening eircles until it infuse a more healthy tone of feeling and a love of realities rather than forms into every rank of society. This has been sufficiently proved in the village school over which the late Professor of Botany in the University of Cambridge presided in his equacity of parish elergyman. The girls in that school all learned botany—they all knew the plants of their own district; the school-inspector reported that their attainments in other things were above the average, and it was a prize for the mother of a family to get a nursemaid out of that school. Kingsley has well said, "If we wish rural walks to do children any good, we must teach them, and we can teach them, to find wonder in every insect, sublimity in every hedgerow, the records of past worlds in every pebble, and boundless fertility upon the barren shore; and so, by teaching them to make full use of that limited sphere in which they now are, make them faithful in a few things that they may be fit hereafter to be rulers over much." In our country walks during these months we are sure to meet with our commonest crowns with joyous green-

A gilded halo hovering round decay

If in a sheltered spot, it will retain its verdure till December; but in an exposed

If in a sheltered spot, it will retain its verdure till December; but in an exposed situation it is easily destroyed by frosts. The leaves have a faint and somewhat disagreeable odour, and, if fasted, leave a rough and mpleasant feeling in the mouth. Several foreign species of polypody are however aromatic, and the fronds of some are used by the natives of the Sandwich Islands to give a perfume to the ecocanut oil with which they anoint themselves. Dr. Joseph Hooker mentions that during his residence in India he frequently partook of shrimp curry into which the young tops of the polypody entered.

Mr. Bennett, in his account of the Souths Sea Islands, mentions, among other ferns, a species of polypody which he found at Mahiaten, growing in abundance on a high mound built of coral stones. He says that the natives called it Atua buna, or pig's god, and believed it to exercise a watchful care over these animals. Like our common brakes and other ferns, the polypody contains a large quantity of carbonate of potash, which in former days was used by glass manufacturers. It had a great reputation in medicine on account of its mucilaginous nature. Mr. Newman says he has seen women collecting it in Herefordshire as a specific in hooping-cough. It is gathered in October and November, when full of seet; the barren fronds are rejected. It is then hung up in cottages to dry, and when required for use is slowly boiled with raw sugar. The poor people call it "maider's hair," or "golden locks."

It is then hung up in cottages to dry, and when required for use is slowly boiled with raw sugar. The poor people call it "maiden's hair," or "golden locks."

In Paris it is used at the present time as a domestic remedy for coughs and colds, and in some county districts there is a sort of superstition connected with its use—that it should be gathered from the oak and not from the shady hedgebank or other tree. The ancient reputation of this fern is very curious. Pliny recommends it for chaps on the toes; and further informs us that the root dried and powdered, if snuffed up the nose, will consume a polypus. It is doubtless the "rheum-purging polypody" of our own Shakspearc.

Several variations occur in the form of the common polypody, the lobes being more or less cleft, or acute, or serrated. In the Welsh polypody—P. w. Cambricum—the lobes are broader, and irregularly lobed or toothed. The Irish polypody, or P. v. Hibernieum, has a broader twice or thrice pinnate frond, and is exceedingly handsome. This fern repays all the trouble taken to cultivate it. It is somewhat difficult to remove from its natural positions, as its roots are apt to become firmly entwined with the substances on which it may be growing. In a greenhouse it is a remarkably striking and beautiful object when suspended in a basket, which should be always of wood, and made very open. The basket and suspending wire being prepared, the rhizomes should be arranged therein in such a manner that the fronds may pass through the holes at the bottom, and that the growing points of the rhizomes may also have the opportunity of doing so. The rhizomes should then be covered with a thin layer of sphagnum, a moss always to be found in boggy places, and which never becomes mouldy; next, ever the sphagnum with a mixture of well-decayed leaf-mould and silver-shad; then arrange a second layer of sphagnum, then another of rhizomes, on which carefully fasten wooden crossbars, and the basket will be complete. Immerse the whole in soft water until it is thoroughly

does not remember the constant demand to be set free from "lovers," or "lawyers," or whatever might be the closen name for those straggling, unique; "I he plant figured in our Plate is the choice of the constant of the con

The butterfly, all green and gold, To me has often flown, Here in my blossoms to beheld Wings lovely as his own.

Wings lovely as his own.

There is the beautiful little butterfly of our Plate known as the corn blue or Clifden blue (Polyommatus adonis), with black bordered wings of silvery azure shining with a metallic lustre, and the usual occllated spots which characterise the genus, the name of which is derived from a Greek word signifying many eyes. The female werers more sombre array, and is of a brown colour, each wing having a pale central spot. This butterfly is nearly related to the lovely little "Corydon," which, like a true shepherd, woes his brown Phyllis on the upland downs.

We have also in our Plate the Burnet moth (Anthrocera), of which there are several species. We have the six-spotted Burnet moth, and the five-spotted Burnet moth. They resemble each other, but the latter species, besides having the smallest number of spots, is the smallest in size. They are found on grasses and other common plants, and the smaller one is frequently found on the honey-suckle. Their colours are very brilliant—bluish black and bright red, the latter hue predominating on the lower wings and forming spots on the upper.

ASTRONOMICAL OCCURRENCES.

the north of the Moon at 2h, 2m, a.m. of March 1. It is in the constellation of Pwes throughout the month. On Feb. 1 it rises at 9h, 7m, a.m., setting at 9h, 3m, p.m., and on Feb. 2s rises at 7h, 55m, a.m., and sets at 10h, 9m, p.m., Mars is a little to the north of the Moon at 3h, 1m, p.m. of the 4th. It is almost stationary in the constellation of Taurus throughout the month, and its ruddy colour and brilliancy can be readily compared with that of Alpha Tauri (Aldebaran), whose position is about eight degrees south.

JUPITER is about three degrees south of the Moon at 7h, 11m, p.m. of the 20th. It is in the constellation of Ophiuchus at the beginning, and on the confines of Sagittarius and Ophiuchus at the end, of the month. On Feb. 1 it rises at 4h, 40m, a.m., and on the 28th at 3h, 14m, a.m., setting at those times respectively at 0h, 35m, p.m. and 11h, 5m, a.m. It will be seen in the south-east in the early morning; but as it is nearly at its greatest southerly declination, it will not be favourably seen in those latitudes.

SATURN remains in the constellation of Virgo throughout this month. It rises at 11h, 50m, p.m. of Feb. 1, and at 10h, 2m, p.m. of the 28th, setting at those times at 10h, 27m, and 8h, 41m, a.m. respectively. It will be noticed in the south-east during the evenings at the latter end of the month. It arrives at its stationary point at 4h, 36m, p.m. of the 8th, and is a little to the north of the Moon at 0h, 16m, p.m. of the 16th.

URANUS is still visible, during the evenings and nights, southing at 8h, p.m. of the 14th. It is situated on the borders of Gemini, Taurus, and Orion. It is a little to the north of the Moon at 0h, 42m, a.m., respectively.

ECLIPSES OF JUPITER'S SATELLITES.—Feb. 5, at 6h, 40m, a.m., second satellite disappears at 0h, 42m, a.m., respects at 2h, a.m.; angles from vertex, 77 and 280 deg. respectively.

ECLIPSES OF JUPITER'S SATELLITES.—Feb. 5, at 6h, 40m, a.m., second satellite disappears at 6h, 42m, a.m., first satellite disappears; Feb. 15, at 5h, 55m, a.m., fir

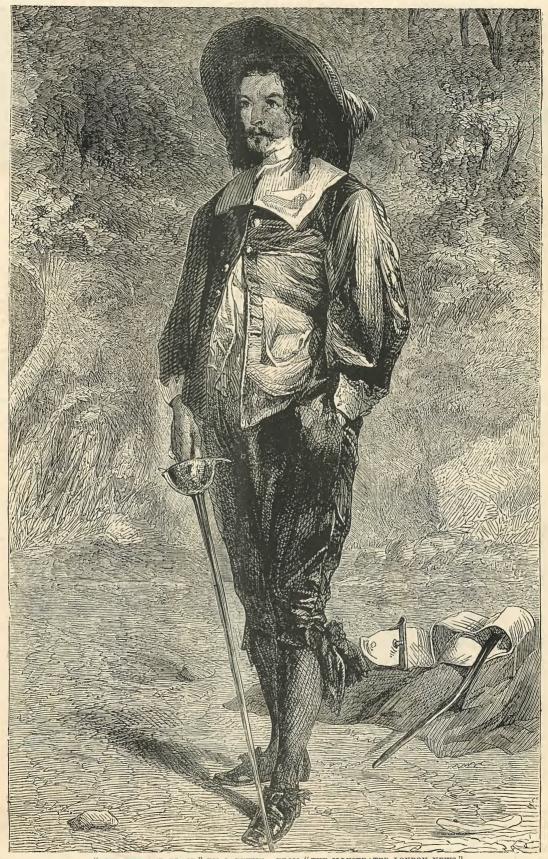
ASTRONOMICAL OCCURRENCES.

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JUPITER Is a little to the Soon of the Moon of the Soon, and of Ophiuchus throughout the month. It as the south of the Sim, and of the list, and the Sim, and of the list, and the Sim, and



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D.	D.	ANNIVERSARIES,		SUN.		мо	ON.	DURATION OF		HIGH WA	Day
OF	OF	FESTIVALS, OCCURRENCES, ETC.	Rises.	Souths	Sets.	Rises.	Sets.	Before Sunrise.	After Sunset.	London Bridge.	Liverpool Dock. of Year,
71.	w.	occommences, and		Noon.		Aftern.	Morn.	O'Clock, 2 3 4 5 -6	O'Clock.	Morn. Aftern.	Morn. Aftern.
1	F	Giles. Shooting Season comm.	н. м. 5 14	м. s. 0 11	и. м. 6 45	н. м. 4 2	и. м. 0 13	Time and the second	6 7 8 9 10	9 46 10 26	н. м. н. м. 7 4 7 43 244
1	1	Great Fire of London, 1666	5 15	0 30	6 43		1 17			11 5 11 40	8 18 8 48 245
2		12TH SUN. AFT, TRINITY	200	0.50			0.00	12			9 16 9 43 246
3	-			0 00	6 40		2 28	13		<u> </u>	
4	1111	Day breaks 3h, 14m.	5 19	1 9	6 38	5 50	3 46	14		0 38 1 5	
5		Twilight ends 8h. 39m.	5 20	1 29	6 36	6 20	5 4			1 28 1 50	10 49 11 11 248
6	W	King of Naples at Gaeta, 1860	5 22	1 49	6 34	6 50	6 26	10		2 11 2 33	11 31 11 53 249
7	Th	Eunurchus	5 23	2 9	6 31	7 20	7 47	I II		2 53 3 15	— 0 15 250
8	F	Length of day 13h, 4m.	5 25	2 30	6 29	7 53	9 8	18	-	3 37 3 57	0 35 0 57 251
9	S	Battle of Flodden, 1513	5 27	2 50	6 27	8 29	10 27	18		4 19 4 39	1 17 1 40 252
10	S	13TH SUN. AFT. TRINITY	5 28	3 11	6 24	9 11	11 41	20		5 2 5 24	2 2 2 26 253
11	M	Mean Temperature, 57 deg.	5 30	3 32	6 22	9 59	Aftern.	2		5 48 6 11	2 49 3 15 254
12	Tu	O. P. Riots, 1809	5 31	3 53	6 20	10 53	1 48	C		6 37 7 4	3 42 4 16 255
13	W	Fox died, 1806	5 33	4 14	6 17	11 52	2 38			7 38 8 14	4 52 5 33 256
14	Th	Holy Cross. D. of Wellington died 1852	5 35	4 35	6 15	Morn.	3 21	24		8 55 9 37	6 15 6 59 257
15	F	Brunel died, 1859	5 36	4 56	6 13	0 55	3 55	28		10 21 11 3	7 41 8 18 258
16	S	Dean Colet died, 1519	5 38	5 17	6 11	2 0	4 26	20		11 40 —	8 46 9 13 259
17	S	14TH SUN, AFT, TRINITY		5 38	6 8	3 4	4 52	27		0 8 0 35	9 37 9 59 260
18			5 41	5 59	6 6	4 9	5 17	2		0 59 1 21	10 18 10 36 261
19	The	Battle of Poictiers, 1356	5 43	6 20	6 4	5 12	5 39	o c		1 40 1 58	10 53 11 9 262
20	1	Length of day 12h, 17m.	5 44	6 41	6 1	6 15	6 2	Ĭ		2 15 2 31	11 24 11 49 263
21	TH	St. Matthew	5 46	7 2	5 59	7 18	6 25			2 46 3 1	11 55 - 264
22	F	Mean Temperature, 55 deg.	5 47	7 23	5 57	8 20	6 50	3		3 17 3 33	0 11 0 25 265
23	S	Revolution in Belgium, 1930	5 49	7 44	5 54	9 23	7 17	A A		3 47 4 3	0 41 0 57 266
24	S	15TH SUN, AFT, TRINITY	5 51	8 4	5 52	10 23	7 51	5		4 19 4 34	1 12 1 27 267
25	M	Day breaks 3h, 57m,	5 52	8 25	5 50	11 21	8 28	6		4 49 5 5	1 43 2 0 268
26			5 54	8 45	5 48	Aftern.	9 11	7		5 22 5 40	2 18 2 37 269
27	W	Twilight ends 7h, 39m,	5 56	9 5	5 45	1 8	10 1			5 59 6 22	3 0 3 23 270
28	-		5 57	9 25	5 43	1 55	11 0	8		6 45 7 13	3 51 4 24 271
29	F	St. Michael. Michaelmas Day		9 45	5 41	2 36	Morn.	Ti di		7 46 8 26	5 4 5 47 272
30			6 0		5 38	3 13	0 5	片		9 9 9 52	6 30 7 10 273
30	10	Bt. Serone	0 0	10 4	0 00	5 15	0 5	THOIR WILLIAM		9 9 9 9 52	0 001 / 10 2/0



"THE TIME AND PLACE," BY J. PETTIE.—FROM "THE ILLUSTRATED LONDON NEWS."

APRIL.

THE SUN is north of the Equator and in the sign of Aries until April 20 at 2h. 11m. a.m., when it passes into that of Taurus.

The Moon is a little to the south of Uranus at 4h. 56m. p.m. of the 1st; to the south of Mars at 2h. 41m. a.m. of the 2nd; it is eclipsed on the night of the 10th and the morning of the 11th. It is a little to the south of Saturn at 7h. 1m. p.m. of the 11th; to the north of Jupiter at 4h. 55m. p.m. of the 16th; to the south of Mcreury at 6h. 45m. a.m. of the 26th; to the south of

Venus at 4h. 37m. p.m. of the 26th; to the south of Uranus at 3h. 49m. a.m. of the 29th; and to the south of Mars at 4h. 53m. p.m. of the 30th. It is most distant from the Earth at 4h. a.m. of the 9th, and nearest at 10h. a.m. of the 24th. First Quarter occurs at 19 minutes past 1 on the morning of the 3rd. Full Moon "28" 4 on the morning of the 11th. Last Quarter "20", 11 on the night of the 18th. New Moon "13", 2 on the afternoon of the 25th. MERCURY is well seen towards the middle of the month, being at a con-



'APPEARANCE AND MAGNITUDE OF SATURN'S RING, 1865.

siderable altitude, and both rising early and setting late. On April 1 it rises at 5h. 55m. a.m., setting at 7h. 55m. p.m., and on April 30 rising at 4h. 38m. a.m., and setting at 7h. 55m. p.m., and on April 30 rising at 4h. 38m. a.m., and setting at 7h. 55m. p.m. It is in the constellation of Pieces at the beginning, and in that of Aries at the end, of the month. It arrives at tits greatest easterly elongation at 6h. 52m. p.m. of the 12th; is at its stationary point at 2h. 3m. a.m. of the 23rd; and a little north of the Moon at 6h. 45m. a.m. of the 23rd; and a little north of the Moon at 6h. 45m. a.m. of the 26th.

VENUS is now very favourably seen arriving at its greatest brilliancy on April 2. It is stationary at 4h. 33m. p.m. of the 16th; and is eight degrees north of the Moon at 4h. 37m. p.m. of the 26th. It is in the constellation of Aries stroughout the month. It rises at 6h. 15m. a.m. on April 1, and at 4h. 22m. on April 30; setting on the former time at 10h. 47m., and on the latter at 8h. 52m. It will be seen (as the evening star) in the north-west heaves.

north of the Moon at 4h. 37m. p.m. of the 26th. It is in the constellation of Aries throughout the month. It rises at 6h. 15m. a.m. on April 1, and at 4h. 22m. on April 30; setting on the former time at 10h. 47m., and on the latter at 8h. 52m. It will be seen (as the evening star) in the north-west heavens.

MARS is in the constellation of Gemini throughout the month, and is visible during the evenings in the north-west. It rises at 8h. 51m. a.m. on April 1, and at 8h. 16m. a.m. of the 30th, setting at 1h. 57m. a.m. and at 1h. 1m. a.m. and at 1h. 1m. a.m. and at 4h. 55m. p.m. of the 13th, and is a little to the south of the Moon at 2h. 41m. a.m. of the 23rd; to the south of Uranus at 4h. 18m. p.m. of the 26th; and to the constellation of Sagitharius throughout the month. It rises at 1h. 21m. a.m. of the 23rd; to the south of Uranus at 4h. 18m. p.m. of the 26th; and to the constellation of Sagitharius throughout the month. It rises at 1h. 21m. a.m. of the 18th, and is 1h. 12m. p.m. of the 30th, setting at 9h. 11m. a.m. and 4h. 34m. a.m. respectively. It is a little north of the Moon at 7h. 1m. p.m. of the 18th, and at 5h. 39m. p.m. of the 30th, setting at 6h. 31m. a.m. and 4h. 34m. a.m. of the 29th. It is an addition of Sagitharius throughout the month. 1m. p.m. of the 18th, and at 5h. 39m. p.m. of the 30th, setting at 6h. 31m. a.m. and 4h. 34m. a.m. respectively. It is a little north of the Moon at 7h. 1m. p.m. of the 18th, and is in opposition at 0h. 32m. a.m. of the 17th. It is now favourably seen.

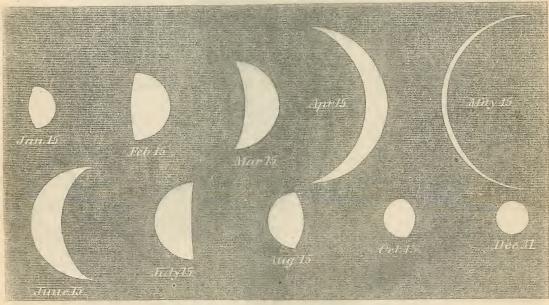
URAY.

URAY.

THE SUN is north of the Equator and in the sign of Taurus until May 21 at 4h. 18m. p.m. of the 18th; to the south of Gemini.

The Moos is a little to the south of Saturn at 9h. 41m. p.m. of the 18th; to the south of Uranus at 4h. 18m. p.m. of the 29th. 2th a.m. of the 23rd; to the north of MAY.

THE SUN is north of the Equator and in the sign of Taurus at 9h. 41m. p.m. of the 18th, 1c the south of Uranus at 4h. 18m. p.m. of the 18th, 2m. p.m. of the 29th. 2th a.m. of the 23rd; to the south of Uranus



RELATIVE MAGNITUDES OF THE CRESCENT OF VENUS, 1865.

respectively—at 8h. 45m. p.m. and at 5h. 7m. p.m. It is in inferior conjunction with the Sun at 1h. 48m. a.m. of the 8ch; is a little to the north of the Moon at 6h. 54m. a.m. of the 23rd; and is stationary at 8h. p.m. of the 27th. It is a little directly south of Mercury at 2h. 13m. a.m. of the 29th. and at its shortest distance from the Sun at 10h. 9m. a.m. of the 31st. It is in the constellation of Gemini at the beginning, and in that of Cancer at the end, of

still continues in the constellation of Virgo. It rises at 5h, 35m, p.m. of the 1st, and at 3h, 27m, p.m. of the 31st; setting at 4h, 30m, a.m. and 2h, 29m.

1st, and at 3h. 27m. p.m. of the 31st; setting at 4h. 30m. a.m. and 2h. 29m. a.m. respectively.

URANUS is still visible in the evenings in the constellation of Tauras. It is a little north of the Moon at 4h. 18m. p.m. of the 26th.

NEFTUNE is still invisible, rising at about 2h. a.m. of May 31.

OCCULTATIONS OF STARS BY THE MOON.—May 2, Kappa Cancri, of 5th magnitude; disappears at 7h. 53m. p.m.; reappears at 8h. 57m. p.m.; angles from vertex, 143 and 222 deg. respectively.

ECLIPSES OF JUPITER'S SATELLITES.—May 4, at 2h. 45m. a.m., first satellite disappears; May 5, at 2h. 34m. a.m., second satellite disappears; May 9, at 6h. 49m. a.m., third satellite reappears; May 16, at 2h. 19 a.m., third satellite disappears; May 29, at 1h. 1m. a.m., first satellite disappears; May 29, at 11h. 32m. p.m. second satellite disappears.

JUNE.

The Sun is in the sign of Gemini until June 21 at 10h. 45m. a.m., when it passes into that of Caneer, and the Summer Quarter commences.

The Moon is a little to the south of Saturn at 2h. 12m. a.m. of the 5th; to the north of Jupiter at 9h. 6m. p.m. of the 9th; to the north of Venus at 3h. 48m. a.m. of the 20th; to the south of Mercury at 10h. 37m. a.m. of the 22nd; to the south of Uranus at 4h. 29m. a.m. of the 23rd; and to the south of Mars at 3h. 34m. a.m. of the 27th. It is at its greatest distance from the Earth at 9h. a.m. of the 3rd, and at its least at 4h. p.m. of the 18th.

First Quarter occurs at 22 minutes past 8 on the morning of the 18th.

First Quarter occurs at 22 minutes past 8 on the morning of the 9th.

Last Quarter "53" 11 on the morning of the 23rd.

New Moon "57" 70 the morning of the 23rd.

MERCURY is in the constellation of Aries at the beginning, and in that of Gemini at the end, of the month. It rises at 3h. 10m. a.m. at the beginning, setting at 5h. 32m. p.m., and on the 30th rises at 3h. 31m. a.m., setting at Sh. 21m. p.m. It is best seen at the beginning of the month. It is a little to the north of the Moon at 10h. 37m. a.m. of the 27th, and is at its shortest distance from the Sun at 9h. 23m. p.m. of the 27th, and is at its shortest distance from the Sun at 9h. 23m. p.m. of the 27th, and is at its shortest distance from the Sun at 9h. 23m. p.m. of the 27th, and is at its greatest distance from the bengineous object as it would otherwise appear. It is a little to the south of the Moon at 3h. 34m. a.m. of the 20th, and at its greatest distance from the

Sun at 10h. 56m. p.m. of the 28th. It is in the constellation of Aries at the beginning, and in that of Taurns at the end, of the month. It continues to be the morning star, rising at 2h. 36m. a.m. at the beginning, and at 1h. 34m. a.m. at the end, of the month. It continues to be the morning star, rising at 2h. 36m. a.m. at the beginning, and at 1h. 34m. a.m. at the end, of the month, setting at those times at 5h. 4m. p.m. and 4h. 20m. p.m. respectively.

Mars is in the constellation of Cancer at the beginning, and in that of Leo at the end, of the month. It is still visible in the evening at the beginning of the month, setting in the N.W. It rises at 7h. 52m. a.m. of June 1, and at 7h. 41m. a.m. of June 30 setting respectively at 11h. 46m. p.m. and 10h. 28m. p.m. It is a little to the north of the Moon at 9h. 5m. a.m. of the 27th.

JUPITER is in opposition and nearest the Earth at 6h. 58m. a.m of the 15th. It is a little south of the Moon at 9h. 6m. p.m. of the 9th. It is in the constellation of Ophinehus throughout the month. It rises at 9h. 4m. p.m. of the 1st and at 6h. 54m. p.m. of the 30th, setting at 5h. a.m. and 2h. 51m. a.m. respectively.

SATURN continues in the constellation of Virgo, and is visible throughout the evening. It rises at 3h. 23m. p.m. on the 1st, and at 1h. 27m. p.m. of the 30th, setting at 2h. 24m. a.m. and 0h. 28m. a.m. respectively. It is a little to the north of the Moon at 2h. 12m. a.m. of the 5th, and is stationary at 4h. 13m. p.m. of the 27th.

URANUS is now too near the Sun to be visible. It is in conjunction with the Sun on June 21.

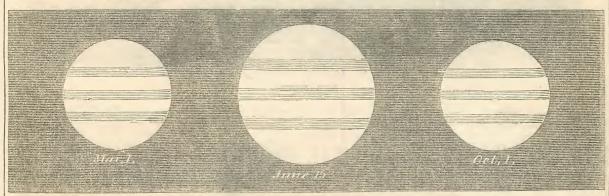
NEPTUNE does not rise until after midnight.

OCCULTATIONS OF STARS BY THEMOON.—June 18, Zeta Piscium, 4½ magnitude, disappears at 1h. 40m. a.m.; reappears at 2h. 8m. a.m.; angles from vertex, 11 deg. and 312 deg. respectively.

ECLIPSES OF JUPITER'S SATELLITES.—June 4, 11h. 18m. p.m., first satellite disappears; June 2, at 1h. 40m. a.m., first satellite disappears; June 20, at 11h. 40m. p.m., first satellite reappears; June 20, at 11h. 40m. p.m.,

THE SUN is in the sign of Cancer until 9h. 40m. p.m. of the 22nd, when it passes into that of Leo. It is north of the Equator throughout the month, and moving sonthward.

The Moon is a little to the south of Saturn at 9h. 14m. a.m. of the 2nd; to the north of Jupiter at 11h. 0m. p.m. of the 6th; close to Venus at 2h. 29m. a.m. of the 19th; a little to the south of Uranus at 3h. 2m. p.m. of the 20th;



RELATIVE DIMENSIONS OF DISC OF JUPITER, 1865.

to the south of Mereury at 6h. 35m. p.m. of the 24th; to the south of Mars at 9h. 47m. p.m. of the 25th; and to the south of Saturn at 6h. 34m. p.m. of the 29th. It is at its greatest distance from the Barth at 3h. a.m. of the 18t, and 10h. p.m. of the 18th, and at its least distance at 7h. p.m. of the 18th.

First Quarter occurs at 40 minutes past 1 on the morning of the 18th.

Full Moon "27" 8 on the evening of the 18th.

Last Quarter "26" 4 on the afternoon of the 12th.

New Moon "29" 6 on the afternoon of the 22nd.

First Quarter "9" 7 on the afternoon of the 22nd.

First Quarter "9" 7 on the afternoon of the 22nd.

First Quarter so "9" 7 on the afternoon of the 22nd.

First Quarter "9" 7 on the afternoon of the 30th.

MERCURY arrives in superior conjunction to the Sun at 8h. p.m. of July 1; is a little to the north of the Moon at 6h. 35m. p.m. of the 24th; is quite elocoto Regulns (Alpha Leonis) on July 27, being at 3h. 32m. p.m. eight minutes (in space) north, and five hours later one minute in time east of that star. It is a little to the west of (Rho) Leonis at 11h. 36m. p.m. of the 31st. It is in constellation of Gemini at the beginning, and in that of Leo at the end, of the month. It rises at 3h. 37m. a.m. on July 1, and at 6h. 46m. a.m. on July 31 setting at 8h. 27m. p.m. and 8h. 41m. p.m. at those times respectively.

VENUS is in the constellation of Taurus throughout the month, and continues to be the morning star. It rises at 1h. 32m. a.m. on July 1, and at 6h. 59m. a.m. on July 31, setting at 4h. 20m. p.m. and 4h. 49m. p.m. respectively on those occasions. It is a little (directly) west of Delta (1) Tauri at 5h. 28m. p.m. of the 10th, and of Delta (3) Tauri at 9h. 20m. p.m. of the 12th, whilst it is very close to and north of the latter at 5h. 46m. p.m. of the 12th, whilst it is now invisible. It is in the constellation of Leo throughout the mouth. It rises at 7h. 40m. a.m. of the 13th, and to Rho Leonis at 6th. 5tm. p.m. of the 24th. It is a little to the north of the Moon at 9h. 47m. p.m. of th

the 25th.

JUPITER is a little to the south of the Moon at 11h. p.m. of the 6th. It is in the constellation of Ophinehns throughout July. It rises at 6h. 49m. p.m. of the 1st, and at 4h. 39m. p.m. of the 31st; setting at 2h. 47m. a.m. and 0h. 38m. a.m. respectively.

SATURN rises at 1h. 23m. p.m. of the 1st, and at 11h. 32m. a.m. of the 31st; setting at 0h. 24m. a.m. and 10h. 23m. p.m. respectively. It is a little to the north of the Moon at 9h. 14m. a.m. of the 2nd, and at 6h. 34m. p.m. of the 29th. It is in quadratures with the Sun at 1h. 2m. p.m. of the 16th.

URANUS still remains invisible. It is a little north of the Moon at 3h. 2m. p.m. of the 20th.

p.m. of the 20th.

NEPTUNE rises shortly before midnight.

OCCULTATIONS OF STARS BY THE MOON.—July 3, Alpha (2) Libra, 2½ magnitude, disappears 9h. 58m. p.m., reappears at 10h. 52m. p.m.; angles from vertex, 49 deg. and 330 deg. respectively. July 8, Rho (1) Sagittarii disappears at 9h. 21m.p.m.; reappears at 10h. 11m. p.m.; angles from vertex, 118 deg. and 212 deg. respectively.

ECLIPSES OF JUPITER'S SATELLITES.—July 6, at 10h. 4m. p.m., first satellite reappears; July 25, at 10h. 42m. p.m., second satellite reappears. July 29, at 10h. 18m.

p.m., first satellite reappears.

AUGUST.

D.m., hrst satellite reappears.

AUGUST.

The Sun is north of the Equator during this month, and remains in the sign of Leo until 4h. 13m, a.m. of the 23rd, when it passes into that of Virgo.

The Moon is a little to the north of Jupiter at 4h. 6m. a.m. of the 3rd; to the south of Uranus at 3h. 34m. p.m. of the 16th; to the south of Venus at 3h. 55m. p.m. of the 17th; to the north of Mercury at 7h. 5m. a.m. of the 23rd; to the south of Mars at 4h. 7m. p.m. of the 23rd; to the south of Saturn at 5h. 30m. a.m. of the 26th; and to the north of Jupiter at 1h. p.m. of the 30th. It is at its least distance from the Earth at 7h. p.m. of the 9th, and at its greatest at 3h. p.m. of the 25th, and to the rorth of Jupiter at 1h. p.m. of the 30th. It is at its least distance from the Earth at 7h. p.m. of the 9th, and at fix greatest at 3h. p.m. of the 25th.

Full Moon occurs at 29 minutes past 5 on the morning of the 18th.

New Moon 17 7 9 on the evening of the 18th.

New Moon 17 7 11 on the morning of the 29th.

MERCURY remains in the constellation of Leo throughout this month. It is best seen at the beginning of August. On Aug. 1 it rises at 6h. 5lm. a.m., setting at 8h. 39m. p.m.; and on the last day of the month rises at 6h. 88m. a.m., setting at 8h. 39m. p.m. it is at its greatest distance from the Sun at 9h. p.m. of the 10th; at its greatest easterly clongation (about 27e 23') at 9h. 5lm. p.m. of the 10th; at its greatest easterly clongation (about 27e 23') at 9h. 5lm. p.m. of the 10th; at its greatest easterly clongation (about 27e 23') at 9h. 5lm. p.m. of the same day; a little south of the Moon at 7h. 5m. a.m. of the 23rd; and is stationary at 6h. 48m. a.m. of the 24th.

VENUS continues to shine brightly during the early morning hours, rising an hour after midnight on the 1st of the month, and at 1h. 24m. a.m. of the 31st. 1 is not visible during the evening, as it sets at 4h. 5lm. p.m. and at 3h. 10m. p.m. at 3h. 31m. p.m. of the 11st. 11s in the constellation of Taurus at the beginning, and in that of Cancer at t



			SUN.				310	oox.	DURATION OF	MOONLIGHT,	HIGH WATER AT		
D. OF	D. OF	ANNIVERSARIES, FESTIVALS,			South		Rises.	Sets.	Before Sunrise.	After Sunset.	London Bridge.	Liverpool Dock. Day	
М.	w.	OCCURRENCES, ETC.	Ris	es.	Noon		Aftern.	Morn.	Before Sunrise. O'Clock. 2 3 4 5 6 8	O'Clock.	Morn. Aftern.	Morn. Aftern. Year.	
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3		Day breaks 4h. 12m.	6	5	11	$\frac{1}{5}$ 39					0 12 0 36	9 37 10 1 276	
4	-	Twilight ends 7h, 22m.	6	1	111	9 5 2	1	0 20			0 59 1 23	10 23 10 45 277	
5		Marquis Cornwallis died, 1805	6	9	113	7 5 2	5 49			11///	1 45 2 7	11 6 11 28 278	
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9	M	St. Denys	1	15		5 5 13			2		4 43 5 5	1 43 2 7 282	
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11		Mean Temperature, 50 deg.		19	13 1	6 5 1		1 20			6 19 6 46	3 24 3 53 284	
12	_	Columbus sees land, 1492		21	13 3	1 5 1	2 11 52	-	2		7 15 7 51	4 29 5 10 285	
13	F	Trans. K. Edward, Conf.				5 5		2 28	2	ALLO THE THE THE	8 32 9 13	5 51 6 32 286	
14	S	Battle of Hastings, 1794	1 -	24	135	9 5	0 57	2 56	2		9 54 10 34	7 12 7 49 287	
15	S	18TH SUN. AFT. TRINITY		-	14 1		5 2 0	3 20	2		11 11 11 42	8 20 8 48 288	
16	M	Marie Antoinette executed, 1793	6	27	14 2	5 5	3 3	3.45	2	A CHECHILL CHECK	- 0 10	9 10 9 30 289	
17	Tu	Dunkirk sold, 1662	6 :	29	14 3	7 5	1 4 7	4 7	2		0 32 0 52	9 51 10 9 290	
18	W	St. Luke	6	31	14 4	8 4 5	5 10	4 30	2		1 13 1 31	10 26 10 40 291	
19	Th	Battle of Leipsic, 1813	6 :	33	14 5	9 4 5	6 12	4 54			1 48 2 2	10 57 11 13 292	
20	F	Twilight ends 6h. 48m.			15	9 4 5					2 19 2 35	11 28 11 44 293	
21	1	Battle of Trafalgar, 1805	1 -	36		9 4 5	8 15		2		2 50 3 6		
22	S	19TH SUN. AFT. TRINITY			15 2					27/1/1/1	3 23 3 38		
23	M	Irish Rebellion, 1641	6	40	15 3	6 4 4	9 10 12	7 8	and anni and and and		3 53 4 8		
24	Tu	Length of day 10h. 6m.	6	41	15 4	3 4 4	7 11 4	7 57			4 23 4 39	1 17 1 35 297	
25	W	St. Crispin	6	43	15 5	0 4 4	5 11 51	8 51			4 57 5 15		
26	-	Royal Charter lost, 1859	6	45	15 5	6 4 4	Aftern.	9 53			5 35 5 56		
27	F	Day breaks 4h. 53m.	6	47	16	2 4 4		11 0			6 21 6 47	3 25 3 56 300	
28		St. Simon & St. Jude	1		16	6 4 3		Morn.			7 18 7 54		
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30	M	Twilight ends 6h. 29m.	1 .		16 1	3 4 3					9 58 10 35	,	
31	Tu	Lord Dundonald died, 1860	6	54	16 1	6 4 3	3 3 12	2 45			11 11/11 40	8 18 8 45 304	



"WAITING FOR FATHER," BY R. COLLINSON,—FROM "THE ILLUSTRATED LONDON NEWS.

FERNS AND BUTTERFLIES. SEPTEMBER AND OCTOBER.

FERNS AND BUTTERFLIES.

SEPTEMBER AND OCTOBER.

IN all rural districts this is surely a busy season, for men and maidens are ont with their bended sickles to gather in the yellow harvest. It is an anxious time for the farmer. He is continually on the lookout for the weather, noting every sign, which one so well practised in such matters can easily discern. Unlike the manufacturer, who carries on his business indoors, independent of the weather, the farmer is never safe, however beautiful his crop may look while standing, until it is safe in the garner. Somehow, he seems to live nearer to the Giver of All Good than the busy indweller of cities, for he puts his trust in Him who has promised that "seed-time and harvest shall not fail." In October we begin to feel that the autumn has really come, no longer divided from the summer by the golden sheaf and lingering flowers, but with features of its own, marked with slow decay. Nearly all the singing-birds have departed for sunnier lands, and the swallows are preparing to follow them, while other birds arrive to take their places. The woods never look more beautiful than in September and the beginning of October. Every shade of yellow and crimson tints the trees, and we have the frequent sound of the sportsman's gun reminding us that with the long vacation commences the slaughter of the partridges and pheasants that have so long enjoyed a respite. The stately deer, too, in some of our spacious parks never look so beautiful as when they move about or couch in the russet-coloured form, with the varying colours of the foliage scattered around and a blue atmosphere in the distance. A walk on the fern and heath covered waste on a crisp, bright, autmanal morning is one of the best remedies for an attack of low spirits. There are the great gorse-bushes in bloom, high as one's head; the bushes with their wild fruits, the sloe, the bullace, or the crab; and here and there are bright open spots on which we may lie for hours on the softest bed of heather, such as the brave Highl

Before the heath had lost the dew This morn, a couch was pull'd for you On yonder mountain's purple head.

The stranger would, doubtless, expect a more luxurious bed than

the stranger's bed That was of mountain-heather spread.

The heather here alloaded to is figured in our Plate, and is the "Calluna vulgaris." It is the genuine heather, and is distinguished from the heath Erica tetralix, with which it grows, by its smaller, more purple blossoms, placed all along the stem in little bunches. Sometimes the flowers are white; but this is rare. The heath Erica tetralix is, perhaps, the best known of our native heaths. The leaves are four in a whorl, lanceolate and linear, ciliate, downy above and on the midrib beneath. The stem is bushy at the base, with rather short, erect, flowering branches. The flowers are rose-colonred, forming little clusters or close umbels at the end of the stalks. Both these plants grow together, and extensively, on the mountains of Scotland, and are adopted as the badges of the Highland clans. Although the Erica tetralix is not especially a Scotch plant, it was borne by the Macdonalds, the Erica cincrea by the Macallisters, and the Calluna vulgaris by the Macdonnells. On the moors and fells of the north of England and Scotland, where these pretty plants grow extensively, they give a character to the landscape, and shed, as it were, a purple hue over the distant mountains, causing them to glow in the sunlight and cast a rich coloured shade over them at sunset. There is, perhaps, no plant more useful in the districts where it grows than the heath, or ling, as it is called. In Wales and the Highlands of Scotland it furnishes food to the hill sheep, the mutton of which is peculiarly delicious. The mountaineer often builds his house of alternate layers of heath and mortar, or mud, and thatches it with the same plant. As a fuel it serves well, and it is said to yield a yellow die, some of the tints of which are brilliant though not very permanent. In Yorkshire the tips are still collected for this purpose, being used in dying the inferior kinds of cloth. Moreover, in England, the sprigs of the heath accountantly made into brooms, or besoms, which are very serviceable. As food for moor game and grouse, the heather is a

Heather black that waved so high, It held the copse in rivalry.

Yet, in wild, peaty districts it is even so; and to judge of it we must travel far north, and see it, as the true Highland men of Marmion did, when—

iar north, and see it, as the true Highland men of Marmion did, when—

mountains felt the rays;
And as each heathy top they kiss'd,
It gleamed a purple amethyst.

There are six species of Erica in Great Britain, somewhat difficult to distinguish. The Erica cinerca, or fine-leaved heath, is almost as common as the ling, and grows in some hilly districts quite as abundantly. Some writers make a distinction between the words heath and heather, and contend as to which of these plants constituted the "heather" of Seoteh poetry, one affirming it to be calluna, and another one of the ericas. Lightfoot, who paid great attention to native names, calls both "hather," and of both, says Sir Wm. Hooker, the Gaclie is "troach." He also says that, after living and botanising in Scotland for npwards of twenty years, he had always understood "heather" to be a generic rather than a specific name, identical with our English word heath.

Many a rambler during this season of the year will gather a bunch of purple heath and "bonnic broom," and, looking round for some green leaves to mingle with it, will chose 'the bright fronds of the hard fern (Blechnum spicant), which just now arrive at perfection.

Cowper may have had this fern in his mind on such a scene as we have been describing when he wrote of—

The common overgrown with fern, and rough

The common overgrown with fern, and rough, with prickly gorse, that shapeless and deform And dangerous to the touch, has yet its bloom, And decks itself with ornaments of gold.

Though occurring in most countries, it is somewhat local in its haunts,

on Almanack For 1865.

and Mr. Newman does not recollect having seem a specimen from the chalk hills of Kent, Sussex, or Surrey. It is fond of moisure, and prefers elay or gravelly sols. It is a fern reculity distinguished, the borren fronds spreading more around the spot whence they arise, sometimes being quite prostructed and the property of the

is in the constellation of Leo on Aug. 1, and in that of Virgo on Aug. 31. It rises at 7h. 29m. a.m. at the beginning, and at 7h. 20m. a.m. at the end, of the month; setting respectively at 8h. 57m. p.m. and 7h. 30m. p.m. It is a little to the cast of Chi Leonis at 6h. 29m. p.m. of the 1st and of Sigma Leonis at 5h. 25m. p.m. of the 6th. It is a little north of the Moon at 4h. 7m. p.m. of the 23rd.

of the 23rd.

JUPITER is a little south of the Moon at 4h. 6m. a.m. of the 3rd, and at 1h. p.m. of the 30th. It is stationary at 3h. 16m. a.m. of the 16th. It is in the constellation of Ophiuchus throughout August. It rises at 4h. 35m. p.m. on Ang. 1 and at 2h. 38m. p.m. of Aug. 31, setting at 0h. 34m. a.m. and 10h. 31m. p.m. respectively.

SATURN remains in Virgo throughout the month. It rises at 11h. 28m. a.m. of the 1st and at 9h. 43m. a.m. of the 3lst, setting at 10h. 19m. p.m. and 8h. 25m. p.m. respectively. It is a little north of the Moon at 5h. 30m. a.m. of the 26th.

URANUS is a little north of the Moon at 11h. 34m. p.m of the 16th. It is visible after midnight.

VRANGS IS a fittle north of the shoot at 111, 34m, p.m of the 16th. To is visible after midnight.

NEPTUNE is also visible during the night in the constellation of Pisces.
OCCULTATIONS OF STARS BY THE MOON.—No occultations of stars as bright as 5th magnitude occur in August.

ECLIPSES OF JUPTER'S SATELLITES.—Aug. 2, 10h. 5m. p.m., 3rd satellite disappears; Aug. 14, 8h. 36m. p.m., 1st satellite reappears.

SEPTEMBER.

THE SUN is north of the Equator and in the sign of Virgo until 1h. 0m. a.m. of the 23rd, when it passes into that of Libra, and is south of the Equator,

of the 23rd, when it passes into that of Libra, and is south of the Equator, and the Autumn Quarter commences.

The Moox is a little to the south of Uranus, at 6h, 43m, a.m. of the 13th; to the south of Venus at 4h, 21m, p.m. of the 16th; to the south of Mercury at 2h. 2m, p.m. of the 18th; to the south of Mars at 10h, 55m, a.m. of the 21st; to the south of Saturn at 5h, 20m, p.m. of the 22nd; and to the north of Jupiter at 1h. 4m, a.m. of the 27th. It is nearest the Earth at 9h, p.m. of the 6th, and most distant at 4h, a.m. of the 22nd.

Full Moon occurs at 52 minutes past 1 on the afternoon of the 5th.

Last Quarter "58" 4 on the morning of the 12th.

New Moon "46" 10 on the evening of the 19th.

First Quarter "47" 2 on the morning of the 28th.

Last Quarter , 58 , 4 on the morning of the 12th. New Moon , 46 , 10 on the evening of the 19th.

First Quarter , 47 , 2 on the morning of the 12th.

MERCURY rises at 6h. 30m. am. on the 1st of September, and sets at 6h. 34m. p.m. On the 30th it rises at 4h. 26m. a.m., setting at 5h. 26m. p.m.

It remains in the constellation of Leo throughout the month. It is in inferior conjunction with the Sun at 9h. 36m. a.m. of the 7th; is stationary at 9h. 30m. p.m., of the 15th; is a little to the north of the Moon at 2h. 2m. p.m. of the 18th; at its greatest westerly clongation at 6h. 33m. a.m. of the 23rd; and at its shortest distance from the Sun at 8h. 39m. p.m. of the same day, when it will be most favourably seen.

VENUS is a little north of the Moon at 4h. 21m. p.m. of the 16th, and is very close to Regulus (Alpha Leonis) at 8h. 25m. p.m. of the 26th, being a little north of that star. On, the 27th, at 7h. 38m. a.m. it is a little east, but close to the same star. It is in the constellation of Cancer in the beginning, and in that of Leo at the end, of the month. It continues to be the morning star, rising at 1h. 26m. a.m. of the 1st, and at 2h. 36m. a.m. of the 30th; setting at 1h. 26m. p.m. and 6h. 3m. p.m. respectively.

MARS remains in the constellation of Virgo throughout this month. It rises at 7h. 20m. a.m. of the 1st and at 7h. 14m. a,m. of the 30th, setting at 7h. 26m. p.m. and 6h. 3m. p.m. respectively. It is a little north of the Moon at 10h. 55m. a.m. of the 21st.

JUPTTER is in quadratures with the Sun at 4h. 32m. a.m. of the 13th, and a little south of the Moon at 1h. 4m. a.m. of the 27th. It remains in Ophiuchus throughout the month. On Sept. 1 it rises at 2h. 35m. p.m., and on Sept. 1, SATURN is in the constellation of Virgo, rising at 9h. 39m. a.m. on Sept. 1,

respectively

respectively. SATURN is in the constellation of Virgo, rising at 9h. 39m. a.m. on Sept. 1, and at 8h. 3m. a.m. on Sept. 30, setting at 8h. 22m. p.m. and 6h. 32m. p.m. respectively. It is a little north of the Moon at 5h. 20m. p.m. of the 22nd. URANUS is a little north of the Moon at 6h. 43m. a.m. of the 13th, and in quadratures with the Sun at 0h. 29m. a.m. of the 27th. It is seen in the constellation of Gemini during the night.

NEPTUNE is visible during the evening and night in the constellation of

Pisces.

OCCULTATIONS OF STARS BY THE MOON.—Sept. 11, Delta (1) Tauri, 4th magnitude; disappears at 3h. 16m. a.m.; reappears at 4h. 7m. a.m.; angles from vertex 123 and 222 deg. respectively.

ECLIPSES OF JUPITER'S SATELLITES.—Sept. 20, at 7h. 41m. p.m., 2nd satellite reappears; Sept. 22, 7h. 9m. p.m. 1st satellite reappears.

OCTOBER.

THE SUN is south of the Equator during this month, and remains in the sign

OCTOBER.

THE SUN is south of the Equator during this month, and remains in the sign of Libra until 9h. 20m. a.m., of the 23rd, when it passes into that ef Scorpio. The MOON is celipsed on the night of the 4th. It is a little to the south of Uranus at 1h. 52m. p.m. of the 10th; to the south of Venus at 10h. 25m. p.m. of the 10th; to the south of Venus at 10h. 25m. p.m. of the 16th; to the south of Mercury at 1h. 51m. p.m. of the 19th; to the south of Saturn at 5h. 41m. a.m. of the 20th; and to the north of Marsa at 6h. 54m. a.m. of the same day; and to the north of Jupiter at 3h. 30m. p.m. of the 24th. It is nearest the Earth at 6h. a.m. of the 5th, and most distant at 7h. a.m. of the 19th.

Full Moon occurs at 31 minutes past 10 on the evening of the 4th.

Last Quarter , 22 , 3 on the afternoon of the 11th.

New Moon , 27 , 4 on the afternoon of the 19th.

First Quarter , 50 , 3 on the afternoon of the 19th.

First Quarter , 50 , 3 on the afternoon of the 27th.

MERCURY is very close to the Moon at 1h. 51m. p.m. of the 19th, and in superior conjunction to the Sun at 2h. 10m. p.m. of the 12st. It is close to Mars at 10h. 52m. a.m. of the 28th. It is best seen at the beginning of the month. It is on the confines of the constellations of Leo and Virgo at the beginning, and in that of Libra at the end, of the month. It rises at 4h, 30m. a.m. of the 1st, and at 7h. 30m. a.m. of the 31st, setting, at those times, at 5h. 25m. p.m., and 4h. 44m. p.m. respectively.

VENUS still continues to be the morning star, although becoming perceptibly fainter. It is in the constellation of Leo at the beginning, and in that of Virgo at the end of the month. On the 1st of October it rises at 2h. 40m. a.m., and sets at 2h. 44m. p.m.; and on the 31st, rises and sets at 2h. 40m. a.m., and sets at 2h. 44m. p.m.; and on the 31st, rises and sets as 2h. 40m. a.m., and sets at 2h. 44m. p.m. of the 19th. It is close to, and a little to the east of Rho Leonis at 1h. a.m. of the 4th; a little to the west of Chi Leonis at 4h. 6m. p.m. of the M

of Eta Virginis at 3h. 30m. a.m. of the 26th, and the west of Gamma

of Eta Virginis at 3h. 30m. a.m. of the 26th, and the west of Gamma Virginis at 7h. 23m. p.m. of the 27th.

MARS is situated near Spica Virginis on Oct. 1 and near Alpha Libræ on Oct. 31. It rises on the former time at 7h. 13m. a.m., setting at 6h. 1m. p.m.; and on the latter rises at 7h. 12m. a.m., and sets at 4h. 42m. p.m. It is alittle south of Saturn at 4h. 53m. a.m. of the 19th, and south of the Moon at 6h. 54m. a.m. of the 20th.

JUPITER is a little south of the Moon at 3h. 30m. p.m. of the 24th. It is in the constellation of Ophinchus at the beginning, and in Sagittarius at the end, of the month. It rises at 6h. 49m. p.m. of Oct. 1 and at 11h. 15m. a.m. of Oct. 31, setting respectively at 8h. 40m. p.m. and 7.2m. p.m. of those times. SATURN remains in the constellation of Virgo. It rises at 8h. a.m. on Oct. 1 and at 6h. 21m. a.m. of the 1st, setting at 6h. 29m. p.m. and 4h. 39m. p.m. respectively. It is near Mars at 4h. 53m. a.m. of the 19th, and a little north of the Moon at 5h. 41m. a.m. of the 20th. It is in conjunction with the Sun at 1h. 16m. p.m. of the 26th.

URANUS is stationary at 6h. 48m. p.m. of the 9th, and a little north of the Moon at 1h. 52m. p.m. of the 10th. It is visible throughout the night in the constellation of Gemini.

NEPTUNE is visible throughout the night in the constellation of Pisces. OCCULTATIONS OF STARS BY THE MOON.—No occultations of bright stars occur during the month.

occur during the month.

ECHPSES OF JUPITER'S SATELLITES.—Oct. 20, at 5h. 59m. p.m., the 3rd satellite disappears.

NOVEMBER.

the 21st.

SATURN is a little north of the Moon at 6h. 25m. p.m. on the 16th. It rises at 6h. 18m. a.m. on Nov. 1, and at 4h. 42m. a.m. of Nov. 39, setting at 4h. 35m. p.m. and 2h. 49m. p.m. respectively. It passes from the constellation of Virgo to Libra during the month.

URANUS is visible throughout the night, in the constellation of Gemini. It is a little north of the Moon at 10h. 6m. p.m. of the 6th.

NIPTUNE is likewise visible in the constellation of Pisces.

OCCULTATIONS OF STARS BY THE MOON.—Nov. 13, Upsilon Leonis, 4½ magnitude; disappears at 1h. 14m. a.m.; reappears at 2h. 5m. Angles from vertex, 6 deg. and 241 deg. respectively.

ECHPSES OF JUPITER'S SATELLITES.—None occur during this month.

DECEMBER.

DECEMBER.

THE SUN is south of the Equator during this month, and remains in the sign of Sagittarius until Dec. 21, at 6h. 49m. p.m., when it passes into that of Capricornus, and the Winter Quarter commences.

The Moon is a little to the south of Uranus at 7h. 10m. a.m of the 4th; to the south of Saturn at 7h. 16m. a.m. of the 14th; north of Venus at 3h. 42m. p.m. of the 16th; north of Mars at 5h. 22m. a.m. of the 17th; to the north of Mercury at 1h. 26m. a.m. of the 19th; to the north of Jupiter at 2h. 20m. a.m. of the 19th, and to the south of Uranus at 3h. 33m. p.m. of the 31st. It is at its least distance from the Earth at 4h. a.m. of the 13th. and at 3h. a.m. of the 29th, and at its greatest distance at 3h. a.m. of the 18th.

Full Moon occurs at 44 minutes past 6 on the evening of the 2nd.

Last Quarter 13 midnight of the 9th.

New Moon 45 34 on the morning of the 18th.

First Quarter 31 midnight of the 9th.

New Moon 45 34 on the morning of the 18th.

MERCURY is close to Jupiter, and a little south, at 11h. 30m. a.m. of the 5th. It occults or is very close to Lambda Sagittarii at 2h. 22m. p.m. of the 5th, when it will be well seen, as it arrives at its greatest easterly elongation at 4h. 13m. of the same day. It is stationary at 10h. 33m. p.m. of the 13th. It is slightly north of Jupiter at 3h. 48m. p.m. of the 18th, and a little south of the Moon at 1h. 26m. a.m. of the 19th. It is at its shortest distance from the Sun at 7h. 53m. p.m. of the 20th, and in inferior conjunction with the Sm at 10h. 43m. a.m., of the 20th, and in inferior conjunction with the Sm at 10h. 43m. a.m., of the 20th, and in inferior conjunction with the Sm at 10h. 43m. a.m., of the 20th, and in inferior conjunction with the Sm at 10h. 43m. a.m., of the 2nd. It is a little to the north of Venus at 3h. 35m. a.m. of Dec. 31, and at 6h. 41m. on Dec. 31, and setting at those times respectively at 4h. 53m. p.m., and 3h. 5m. p.m.

VENUS is in the constellation of Libra at the beginning, and in that of Ophiuchus at the end, of the month; r

NOVEMBER.



CO	UI	RSI	NG
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	1			SUN.	• .	MOON.		DURATION OF MOON	NLIGHT.	HIGH WATER AT		
D. OF	OF	ANNIVERSARIES, FESTIVALS,	n'	Souths		Rises.	Sets.	Before Suurise.	After Sunset.	London Bridge.	Liverpool Dock. Day of	
М.	W.	OCCURRENCES, ETC.	Rises.	Noon.	Sets.	Aftern.	Morn.	Before Suurise.	O'Clock, 5 6 7 8	Morn. Aftern.	Morn. Aftern. Year.	
1	W	All Saints	и. м. 6 55	м. s. 16 17	н. м. 4 31	н. м. 3 43	н. м.	· Ton many	5 6 7 8	н. м. н. м.	9 11 9 35 305	
_		477 Stanta Michaelmas Term	6 57		$\frac{4}{4} \frac{31}{29}$	4 16	5 26	18		0 33 0 57	9 58 10 22 306	
3	1	Fall of Acre, 1840		16 18	4 28			14-		1 20 1 44	10 45 11 8 307	
	01	Day breaks 5h. 5m.	6 59	10 10		4 53	6 49					
4			7 1	10 17	4 26	5 39	8 7	_ 16		$\begin{vmatrix} 2 & 7 & 2 & 30 \\ 2 & 54 & 3 & 16 \end{vmatrix}$		
5		21st Sun. Aft. Trinity	7 3	10 10	4 24	6 31	9 19	1/			0 16 309	
-		St. Leonard	7 4	10 13	4 22	7 29	10 22	18		3 38 4 1	0 39 1 3 310	
		Twilight ends 6h. 18m.	7 6	16 10	4 21	8 33	11 13			4 25 4 48	1 26 1 51 311	
-	_	Cambridge Term divides	7 8	10 0	4 19	9 39	11 56	20		5 13 5 36	2 14 2 38 312	
		Prince of Wales born, 1841	7 10	10 1	4 18	10 45	Aftern.	21		6 0 6 26	3 4 3 31 313	
10	FS	Schiller born, 1759	7 12	15 55	4 10	11 51	1 0	C ///		6 53 7 24	4 2 4 36 314	
11		St. Martin	7 13	15 48	4 14	Morn.	1 25	23		7 58 8 35	5 13 5 48 315	
12	~	22ND SUN. AFT. TRINITY	1	15 40	4 13	0 56	1 50	24		9 10 9 46	6 24 6 59 316	
	M		7 17	15 32	4 12	1 58	2 12	25		10 21 10 56	7 34 8 3 317	
14		Leibnitz died, 1716	7 19	15 23	4 10	3 1	2 35	26		11 25 11 53	8 31 8 56 318	
15		St. Machutus	7 20	15/12	4 9	4 3	2 58	27		- 0 18	9 17 9 37 319	
16	-	Length of day 8h. 45m.	7 22	15 1	4 7	5 6	3 24	28		0 39 0 59	9 58 10 15 320	
17	F	Hugh, Bishop of Lincoln			-		3 53	29		1 20 1 37	10 32 10 47 321	
18	1	Mean Temperature, 42 deg.	7 25	,	4 5		4 27			1 54 2 9	11 4 11 20 322	
19	-	23RD SUN, AFT. TRINITY			4 4	8 8	5 6			2 26 2 42		
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$\begin{vmatrix} 21 \\ 22 \end{vmatrix}$	To		7 30	10 0	4 1	9 50	6 45	3	3/1/6	3 30 3 48	0 26 0 43 325	
23		St. Cecilia	7 32	13 37	4 0	10 35	7 45			4 5 4 21	0 59 1 18 326	
24	فننجزأ		7 34	13 21	3 59	11 13	8 49			4 40 4 59	1 37 1 59 327	
		Day breaks 5h. 33m.	7 35	13 3	3 58		9 59	6		5 21 5 42	2 20 2 44 328	
25		Michaelmas Term ends	7 37	12 40	3 57	Aftern,	11 11			6 6 6 31	3 9 3 37 329	
26	S	24TH SUN. AFT, TRINITY		12 26	3 56	0 44	Morn.			6 59 7 29		
2/	TAT	Twilight ends 6h. 0m.	7 40	12 0	3 55	1 11	0 25	9	1	8 3 8 40		
1		Washington Irving died, 1859	7 41	11 40	3 55	1 40	1 41	10	14.	9 18 9 55		
1		Wolsey died, 1530	7 43	11 25	3 54	2 10	2 59			10 32 11 5	, 10 0 10 000	
3() IE	St. Andrew	7 44	11 3	3 53	2 44	4 19	Talkallian Pa		11 3/1 —	8 43 9 11 334	



GATHERING EDIBLE BIRDNESTS .- FROM "THE ILLUSTRATED LONDON NEWS."

IN a small island in the province of Bagelea, is Mount Karang-Ballong, the highest point of which is not more than 500 ft., projecting, in the form of heavy grey and black rocks, into the sea. It can be ascended without much life observes that it is not only 200 ft. high, but that it bends inwards, so that the nest is not only 200 ft. high, but that it bends inwards, so that the nest sected as the locality for his researches, he waits till the wave on the top it beetles over the sea, which rushes in with great force below, and that in the side of the rock facing the sea innumerable fissures, caverns, and clefts reach down, even under the surface of the water. Millions of tiny, greyish birds, a species of swallow, nestle in those interstices of the rocks. They construct their nests, composed of some gluey or jelly-like substance, on the granite walls of those dark—to man almost impenetrable—caverns and fissures. There, sentinelled by the ocean, the little creatures may imagine they are safe from the coveting eye and greedy grasp of man. But they greatly deceive themselves, for these nests form a dainty dish, especially in the estimation of Chinese epiceures, and are almost worth their weight in the estimation of Chinese epiceures, and are almost worth their weight in settled in Java, but it is also a source of wealth to the exchequer of a million sterling.

MARS is a little south of the Moon at 5h. 22m. a.m. of the 17th, and near

MARS is a little south of the Moon at 5h. 22m. a.m. of the 17th, and near Venus at 7h. 12m. a.m. of the 29th. It is in the constellation of Scorpio at the beginning, and in that of Sagittarius at the end, of the month. It rises at 7h. 15m. a.m. of the 1st, and at 7h. 9m. a.m. of the 3lst; setting respectively at 3h. 32m. p.m. and 2h. 49m. p.m.

JUPITER arrives in conjunction with the Sm at 1h. 33m. past midnight of the 3lst, and is scarcely visible. It rises at 9h. 40m. a.m. of Dec. 1, and at 8h. 9m. a.m. of Dec. 3l, setting at 5h. 27m. p.m. and 4h. 1m. p.m. respectively. It is in the constellation of Sagittarius throughout the month. It is a little south of the Moon at 2h. 20m. a.m. of the 19th.

SATURN is a little north of the Moon at 7h. 16m. a.m. of the 14th. It is the constellation of Libra throughout the month. It rises at 4h. 39m. a.m. of Dec. 1, and at 3h. 7m. a.m. of Dec. 3l, setting at those times at 2h. 45m. p.m. and 0h. 53m. p.m.

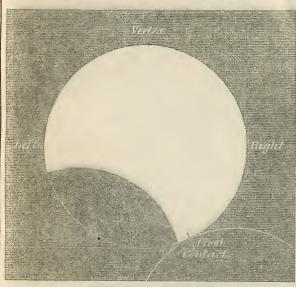
URANUS comes into opposition at 4h. 16m. p.m. of the 23rd. It is a little north of the Moon at 7h. 10m. a.m. of the 4th, and at 3h. 33m. p.m. of the 3lst. NEPTURE is visible during the evening and night, southing at about 7h. p.m. on the middle of the month.

OCCULTATIONS of STARS BY THE MOON.—Dec. 5, Lambda Geminorum. 3½ magnitude; disappears at 7h. 36m. a.m., and reappears at 8h. 2m. a.m.; angles from vertex, 181 and 236 degrees. Dec. 7, Alpha Caneri, fourth magnitude; disappears at 1h. 47m. a.m.; respects at 2h. 45m. a.m.; angles from vertex, 89 and 197 degrees respectively. Dec. 7, Kappa Caneri; disappears at 7h. 48m. a.m.; respects at 2h. 45m. a.m.; angles from vertex, 80 and 197 degrees respectively. Dec. 7, Kappa Caneri; disappears at 7h. 48m. a.m.; reappears at 8h. 39m. a.m.; angles from vertex, 80 and 197 degrees respectively. Dec. 28 and 29 the planets Venus, Mars, and Mercury, will be close together.

No eclipses of Jupiter's satellites occur during this month.

ECLIPSES OF THE SUN IN 1865.

THERE will be two eclipses of the Sun in 1865. The first, which occurs on April 25, will be invisible at London; it will be visible in the South Atlantic Ocean and at the Cape of Good Hope. It is a total eclipse. The second, which is annular, occurs on Oct. 19, and is partly visible, as a partial one, at



ECLIPSE OF SUN, OCT. 19 1865.

Loudon. The point of the Sun's circumference at which the Moon first touches and the magnitude of the celipse will be seen from the accompanying diagram. The times at which it commences and the greatest phase at different localities are as follow:—

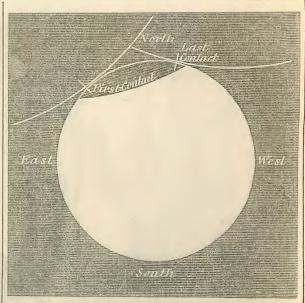
	Begi	ns.			Great	Greatest Eclipse.				
7 7	0 : 40	h.	m.		0 1 40	h,		h.		
London	 Oct. 19,			p.m.	Oct. 19,	5	9 p.m.		57	
Cambridge	 23	4	12	22	23	5	8 ,,	4	55	
Oxford	 22	4	6	22	2.3	5	3 ,,	4	56	
Liverpool	 23	- 63	อียี	22	33	4	52 ,,	4	53	
Edinburgh	 ,,	3	52	22	,,	4	45 ,,	4	48	
Dublin	 "	3	40	22	**	4	36 ,,	4	53	

The times at which the celipse begins and of greatest eelipse are the local times of the places mentioned. Nearly one third of the Sun's diameter will be hidden at the time of greatest celipse; but at Liverpool, Edinburgh, and Dublin it, will be sensubet less. Dublin it will be somewhat less.

ECLIPSES OF THE MOON, 1865.

EULIPSES OF THE MOON, 1869.

Two eclipses of the Moon occur this year, both of which are seen in London, although to no great advantage. The first is very slight, only about two-tenths of the Moon's diameter being obscured, between the hours of four and five on the morning of April 11. The eclipse nominally commences by the shadow of the earth touching that of its satellite at 2h. 3m. a.m. of April 11, when acute eyes may perceive a slight cloud passing over the face of the Moon, but the first real darkening of the disc takes place at a quarter to four on the morning of the 1lib. The middle of the eclipse occurs at 4h, 38m. am., the last contact with the real shadow at 5h, 31m. a.m., and the last contact with the penumbra, or lesser shadow, at 7h, 13m. a.m. The two latter phenomena will not be visible at London, as the Moon sets at 5h, 12m. a.m. This eclipse will be best seen at 69 deg. of west longitude and 9 deg. of south latitude, where the Moon is at the zenith at the time of



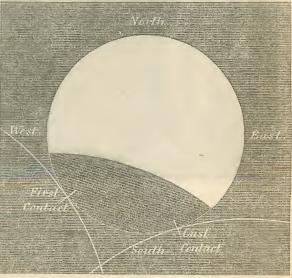
ECLIPSE OF MOON, APRIL 11, 1865.

middle of the eclipse. The points of the Moon's circumference at which the shadow first touches and passes off are given in the Diagram.

A more favourable eclipse will be visible on Oct. 4, when one third of the Moon's disc will be hidden at 10h. 40m. p.m. The first contact with the penumbra, or half shadow, occurs at 8h. 26m. p.m.; the first contact with the real shadow at 9h. 39m. p.m.; the greatest obscurity at 10h. 40m. p.m.; the last contact with the real shadow at 1h. 41m. p.m., and the last contact with the fainter shadow at 54m. after midnight. The points of first and last contacts and the magnitude of the eclipse will be seen from the diagram, the point marked north being that which is directed towards the north pole of the heavens, and not merely the uppermost portion of the Moon's disc.

NEW COMETS AND PLANET IN 1863-4.

SINCE the publication of the LLUSTRATED LONDON ALMANACK for 1864 three new comets have been added to the list of those erratic bodies. The first was detected at Marseilles on Nov. 5, 1863, by M. Temple, and was visible to the naked eye, showing a tail of a couple of degrees in length. The head was in appearance like a condensed nebula. The second comet, and most remarkable, was detected by Professor Respighi, at Bologna, on Dec. 28, 1863, and from the remarkable similarity of its path round the sun with the comets



ECLIPSE OF MOON, OCT. 4. 1865.

of 1490 and 1810 it was at first supposed to be identical with those bodies. Of course, if its suspected period of fifty-three years had been correct, it should have appeared on or about the years 1543, 1596, 1649, 1703, and 1757; but its presence on those occasions has not been recorded; but, being always a faint object, this was not considered of much consequence. In 1490 it is described as having a very long and white tail, but was only visible for a few days. In Poland it was seen to the middle of February. On the feast of the Epiphany it is stated to have been in the constellation of Pisces, its head

being described as small but its tail long and faint; and on Jan. 17, when observed at Nuremberg, it was in the constellation of Arics. It is described as following the Sun after setting with its tail turned towards the cast. On Jan. 13, 1491, a comet was observed in the constellation of Cygnus, by the Chinese, but it seems to have been quite different from the above. The indefatigable Peas, who discovered twenty-nine comets, detected one on Aug. 22, 1819, which, on its path being calculated, was found to bear a strong resemblance to that of 1490, although its appearance was considerably different. It is described as round, with a faint nebulosity. Although visible antil Oct. 8, it could not be observed after Sept. 21 with the small telescopes then in nsc. The positions of the comet were, consequently, uncertain at both times. Bessel and others, however, strongly suspected hie identity of the two bodies, their path round the sun, their shortest distance from it, the direction of their motion, their inclination to the celliptic, and the points at which they cut the plane of the latter being almost affike. In all those respects the comet of Dec. 23, 1863, agreed almost exactly. From observations made on Jan. 7, 23, and Feb. 8, Dr. Michez, however, found that its period of revolution about the Sun appeared more like 108 years; and, until this difference can be accounted for by taking all the observations made into account, the identity of the three comets must remain doubtful. The comet discovered in July, 1864, was the brightest of the three, and in August was visible to the naked eye near the Pleiades.

A planet (Sappho) was discovered on May 2, 1864, by Mr. Pogson, at Madras, and makes the eighticth of the group of Asteroids.

TINTED ILLUSTRATIONS.

MAP OF THE MOON.

TINTED ILLUSTRATIONS.

MAP OF THE MOON.

THE map of the Moon given in the Coloured Illustration is reduced from the great German chart of Beer and Maedler, which required so many years to complete. It represents the general aspect of our satellite when full, with its various divisions of dark and bright spots, the former of which go by the name of seas, although to all appearance, when telescopically examined, as free from water as the latter. As no atmosphere exists in those barren regions, the absence of clouds, &c., is fully accounted for, its surface always presenting the same bright and rocky scenery, miless when influenced by the mists, &c., of our own atmosphere. Nothing can exceed the grandeur of the aspect of its mountains when seen through a powerful telescope, particularly at the times of the first and last quarters, and when the various eminenees are emerging into the sanlight along its broken edge. Those mountains take every variety of form, stretching out in immense chains, rising in solitary peaks, or more generally taking those curious forms which are denominated ringmountains. Those latter are of every imaginable size and degree of completeness, some being quite perfect in regard to the surrounding wall and their circular form, whilst in others this is broken and very irregular in figure. Some, it will be noticed, are circular walled plains, the interior being quite flat, and those belong to the largest members of this class, their diameters sometimes reaching to 150 miles. Others, and those the most perfect shapes of the annular mountains, are concave in the interior, with a solitary peak rising in the centre. The height of the mountains or the surrounding walls is various, one being 25,000 ft. high whist there are twenty-two which exceed 16,000 ft., or the height of Moni Blane. The mountain Tycho, which is easily recognised at the time of Full Moon from its brightness and the white streams which radiate from it all directions (upwards of one hundred in number), and one of which passes to a di

floor evenly.

Although in a map of the Moon it is necessary, as is here done, to represent it when full, yet it will always be found (except when in order to see the bright streaks) that its various features are most favourably viewed when it

"WILLOW-LEAVED" APPEARANCE OF SUN'S SURFACE.

"WILLOW-LEAVED" APPEARANCE OF SUN'S SURFACE.

DURING the year 1864 the question of the telescopic aspect of the Sun's surface has created much attention. Mr. Nasmyth describes its disc as being covered by a willow-leaved crystalline precipitate of detached particles, which is confirmed by Mr. De La Rue and other celebrated observers, whilst the appearance seen by Mr. Dawes is stated to be that of a flocculent precipitate, which was detected and described by him some years since. In the coloured Engraving a representation of Mr. Nasymth's discovery of the "willow leaf-shaped filaments" is given, with which he finds the entire luminous surface of the Sun to be covered. "There appears," he states, "no definite or symmetrical arrangement in the manner in which they are scattered ever the surface of the Sun; they appear to lie neross each other in all possible variety of directions. The thickness of the layer does not appear to be very deep, as I can see down through the interstices which are left here and there between them, and through which the dark or penumbral stratum is rendered visible. It is the occurrence of the infinite number of those interstices, and the consequent visibility of a corresponding portion of the dark or penumbral stratum, that gives to the general solar surface that peculiar and well-known mottled appearance which has for a long time been familiar to the observers of the Sun." When a large dark spot is closing or disappearing it has almost constantly been observed that bridges or tongues of the luminous matter of the sun's dise are thrown over the chasm. Mr. Nasmyth says that if these are examined under favonrable conditions it will be found that they are likewise composed those "luminous filaments or willow-leaf shaped objects," as represented in

the coloured Engraving. The average length, as observed by Mr. Nasmyth, is stated to be about 1000 miles, their width about 100. In the accompanying Engraving a magnified illustration of their form is given. Mr. Dawes fully agrees in this description in so far that the luminous surface of the Sun is made up of "luminous masses imperfectly separated from each other by rows of minute dark dots," which "gives the impression of a division between the luminous masses," but when these are examined with high powers, and a large aperture, they are found never to be complete. He finds that those incomplete masses are of every variety of form and shape, the rarest being those described by Mr. Nasmyth as "long, narrow, and pointed," which, however, are seen at the edges of the spots which Mr. Dawes describes as "extremely jagged, like a piece of coarse thatching with straw, the edge of which has been left untrimmed." By other observers they have been compared to grains of rice; but Mr. Dawes states that this is exactly what he found out twelve years ago, and that he deductor this observations "that those brilliant objects were merely different conditions of the surface of the comparatively large luminous clouds themselves-ridges, waves, hills, knolls, or whatever else they might be called—differing in



WILLOW LEAVES.

form and brilliancy, and probably in elevation." He states, in addition, that he never met with the slightest resemblance to the interlacing of the luminous particles as described by Mr. Nasmyth. It will be seen from the foregoing that there is much yet to be discovered in the physical constitution of the Sun; and it is clear that, whether the terms "rice grains," as given by Mr. Stone, or the interlaced "willow leaves" adopted by Mr. Nasmyth, or the intermixed, cloudy, luminous masses of Mr. Dawes, which occasionally take the form of "jagged straw," they must play an important part in the cenomy of the great central body. Probably, after all, the same appearance have been seen by all three observers; but that their descriptive powers have suggested different illustrations, and that they have adhered to their original ideas, as thinking them most appropriate. Still, however, the "interlacing," the variety of forms seen by one, and their identity as seen by others, are matters worthy of great consideration.

BRANCHING NEBULA.

AMONG the many discoveries of the Earl of Rosse with his great six-feet specu-AMONG the many discoveries of the Earl of Rosse with his great six-feet speculum none can compare with those numerous additions made to the class of spiral nebule, which may be said to have been altogether due to his labours. Among those may be reckoned that of Herschel 131, with its numerous branches and extraordinary form. A former drawing, published in the Philosophical Transactions, has been considerably corrected within the last few years, of which our Coloured Engraving is a copy. The branches are full of knobs, and a few stars are scattered about the nebula.

EARTHQUAKES IN 1863 AND 1864.

EARTHQUAKES IN 1863 AND 1864.

Three well-authenticated cases of earthquake have taken place in England since the publication of last year's ILLUSTRATED LONDON ALMANACK—the first on Oct. 6, 1863; the second on April 23, 1864; and the last on Aug. 21, 1864. Another has been recorded, in Scotland, in the summer of 1864. Those of April 23 and Aug. 21 seem to have been confined to the southern counties and to have been merely local in their character. They have, however, been well certified for by competent and numerous witnesses. The extent and direction of that on Oct. 6—the most remarkable of late years—has been traced pretty accurately. It does not appear to have been noticed in the eastern counties or in the extreme north of England, and not at all in Scotland or Ireland. The most easterly point seems to have been most violent at Hereford and Cheltenham. The most curious part of its history is the small and almost imperceptible influence it had in London, although in its immediate neighbourhood, as at Twickenham, according to Mr. Hind, it was visibly felt; whilst in the metropolis, out of 700 police on duty only two took notice of anything extraordinary. At Greenwich, Mr. Ellis, the observer on duty, noticed a remarkable disturbance in the adjustment of the instrument he was using; but it does not appear to have affected the rate of going of any of the clocks in the different observatories, although this might appear to be a very delicate test as to the time and comparative violence of the shock or shocks, for it is evident that two occurred, the lesser one being about an hour previous to that at \$\text{3}\text{2}\text{0}\text{m}, \text{m}. From a letter dated from Windsor it seems, however, that two clocks were found to have stopped there. Several anomalies will be noticed as to the direction of the shock and other circumstances. The highest ground did not always suffer most, as was found at Windsor, &c., where the shock was felt in the town and not at the eastle. On former occasions it has been noticed that



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-	-	ANNIVERSARIES,		SUN.			on.	DURATION OF M	OONLIGHT.	HIGH WATER AT		
OH M	OF W.		Rises.	Souths before	Sets.	Rises.	Sets.	Before Sunrise, 20	After Sunset.	London Bridge.	Liverpool Dock. Day	
			Н. М.	Noon		Aftern.	Morn.	Wood A Property of the Propert	O'Clock.	Morn. Aftern.	Morn. Aftern. Year.	
1	F	Day breaks 5h, 42m,	7 46	10 40 S	н. м. 3 52	3 25	н. м. 5 38	4 5 6 7 8'	4 5 6 7 8	0 5 0 33	9 39 10 4 335	
2	S	Napoleon III. elected Emperor, 1852	7 47		3 52	4 13	6 53			1 1 1 26		
3		1ST SUNDAY IN ADVENT	7 49	9 54	3 51	5 8	8 2			1 50 2 14	11 17 11 41 337	
4			7 50	9 29	3 51	6 10	9 0			2 39 3 3	- 0 4 338	
1	Ti	Mozart died, 1792	7 51	9 5	3 50	7 17	9 50			3 26 3 49	0 27 0 49 339	
1	N	St. Nicholas	7 52	8 39	3 50	8 27	10 30	18		4 11 4 34	1 12 1 33 340	
1	Tr	Ney executed, 1815	7 54	8 13	3 50	9 35	11 2	19		4 55 5 17	1 55 2 17 341	
8	\mathbf{F}	Conception B. V. M.	7 55	7 47	3 49	10 42	11 30	20		5 39 6 2	2 40 3 4 342	
9	S	Grouse-shooting ends	7 56	7 20	3 49	11 47	11 53	21		6 26 6 50	3 28 3 53 343	
10	S	2ND SUNDAY IN ADVENT	7 57	6 53	3 49	Morn.	Aftern.	0		7 15 7 41	4 19 4 49 344	
11	M	Length of day, 7h, 51m,	7 58		3 49	0 50	0 41	23		8 11 8 45	5 23 5 57 345	
12		Cibber died, 1757	7 59		3 49	I 53	1 3	21		9 19 9 54	6 32 7 5 346	
13		St. Lucy	8 0	- 1	3 49	2 55	1 27	25		10 27 11 0	7 38 8 7 347	
14	-	Prince Consort died, 1861	8 1		3 49	3 58	1 54	26		11 29 11 56	8 34 9 0 348	
1:			8 2		3 49	4 58	2 27	27		_ 0 22	9 23 9 43 349	
10		Cambridge Michaelmas Term ends	8 3	1 1	3 49	5 58	3 4	28		0 45 1 5	10 3 10 22 350	
1	_				3 49	6 55	3 48	29		1 25 1 44	10 42 10 59 351	
11	-	Oxford Michaelmas Term ends	8 4		3 50	7 47	4 39			2 4 2 21	11 18 11 36 352	
1		Day breaks 5h. 58m.	8 5		3 50	8 34	5 37	1		2 40 2 58	11 0 1	
2			1		3 50	9 15	6 40			3 16 3 33	0 11 0 29 354	
2	-	St. Thomas	8 6		$\frac{3}{3} \frac{51}{51}$	9 50	7 48	3		3 51 4 10	0 48 1 8 355	
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2	- 10	CHRISTMAS DAY	8 8		3 53	11 45	11 28	7/11/11/11/11/11/11/11/11/11/11/11/11/11		5 55 6 17	2 55 3 20 358	
2	1	St. Stephen	8 8		3 54	Aftern.	Morn. 0 43	8		6 42 7 8	0 0 0 0	
2		St. John	8 8		3 55	0 44	2 0	9		7 36 8 7 8 42 9 19	4 45 5 20 360	
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3			8 9		3 57	2 52	5 41	12		- 0 15		
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THE LATE MR. HUNT, WATER-COLOUR PAINTER .- FROM "THE ILUSTRATED LONDON NEWS.

WILLIAM HENRY HUNT, the eminent water-colour painter, died on the 10th of February, 1864, at the goodly age of seventy-four, when the (Old) Society of Painters in Water Colours, and, let us add, the whole English school of painting, lost in his death an artist of great originality, and some of whose powers were, we firmly believe, unparalleled. It is a bold thing to claim unique excellence for any artist of our own day; yet we hazard the assertion that, within certain limits of comparison and in respect to a few special qualities, William Hunt is the facile princeps of all known painters of still-life. Now, in the still-life drawing of William Hunt there is, in the first place, the same complete command of the material resources of art, and we hall offend no one by saying that the deceased has left none behind him so completely master of the material resources of art, and we will make the power of colour and force of relief we find in some works by William Hunt. In the next place, thus the next place, the successful component grain, and each grain readjusted on the paper without confusion or loss of identity. It is the very alchemy of any approximation or loss of identity. It is the very alchemy of any approximation or loss of identity. It is the very alchemy of the sessential component grain, and each grain readjusted on the approximation or loss of identity. It is the very alchemy of any approximation or loss of identity. It is the very alchemy of any approximation or loss of identity. It is the very alchemy of the sessential component grain, and each grain readjusted on the very large that the sessential component grain, and each grain readjusted to its essential component grain, and each grain readjusted in the object he imitates is, so the were senting in one and the same instance the opposite processes of analysis and synthesis. H.c, for the first time in still-life painting, unites perfect freedom, and optical illusion, which is a necessary prostill-life. Now, in the still-life artist in the first paper

FERNS AND BUTTERFLIES. NOVEMBER AND DECEMBER

NOVEMBER AND BUTTERFLIES.

NOVEMBER is the pioneer of winter. He comes with his sharp winds to cut down every blade and leafy bit of green to make room for the coming snow takes and fond a part of the present of the NOVEMBER is the pioneer of winter. He comes with his sharp winds to cut

plant life, made ready a suitable atmosphere for man before the special act of creation which placed him in the world, the possessor and master of all that had been prepared for him.

Climate has an immense influence on the development of plants, and, as we all know, there are many that will not live, except under certain conditions, and it is only be the artificial imitation of these natural conditions that we can ever induce them to grow in our northern climate. The art of the gardener teaches him that by the judicious use of heat, light, and moisture he may cultivate many of the most delicate exotic plants under glass-honses with almost as much luxuriance as in their native regions. In the spacious houses at Kew, and the smaller but well-kept conservatories of the Botanical Gardens in Regent's Park, and other places, may be seen in great perfection the stately palms and tree ferns of warmer climates, as well as the smaller and more delicate species which may be reared and entivated in our hothouses and greenhouses. The ferns given in our Plate are two of the most easily cultivated of the exotic ferns, and require only a very moderate degree of heat to preserve them in good condition in this country. Cyrtomium caryotideum is a species that is brought chiefly from the mountain regions of India, where it has been met with at an elevation of above 8000 feet. It has pinnate fronds of one to two feet high, the pinne large, light, but dull opaque green in colour, rather few in number, ovate foliate, much acuminate, and usually surieled, the terminal one auricled on both sides, and of the singularly irregular shape found in the leaflets of the Caryota pulm (Caryota urens). Its name has reference to its resemblance to the foliage of that tree. It has been found in the Sandwich Islands and in South Africa; also in Natal and the forests of Kaffraria. Our other

specimens of greenhouse ferns is the Pteris cretica albo lineata, a Java

specimens of greenhouse ferms is the Pteris cretica albo lineata, a Java species, but very accommodating, thriving well in cool hothouses in this country, and being almost hardy. It belongs to the same family as our common Erakes Pteris aquilina. It has short and broad outside sterile fronds, and tall, narrow, and more creet central fertile ones, about 1ft, high, pinnate, with but few pinne, and having the basal one parted on the hinder side, all of them with a broad white band down their centre. Vust unmbers of tropical plants are brought to our shores and cultivated with more or less success in the different private and public gardens, which abound in this and other countries. Great difficulty has been experienced in the transit of tropical plants to other regions, numbers drying on the voyage; but the invention of Mr. Ward's closed cases, which we have before mentioned as admirable for the growth and preservation of ferms, have removed these difficulties, and the most delicate exotic plants may now be carried across the ocean with perfect security.

A much larger number of ferms grow in tropical countries than in our own, consequently the skillful gardener who is fortunate enough to bring them directly from their native forests to his own hothouse must bear in mind that heat, moisture, and shade seem to be the circumstances under which they flourish, and the largest number of ferms are very numerous on islands. In proportion to the corresponding continents. On Falkland Islands the proportion of them, including the Lycepodia, is one to fifteen; in New Zealand one to six. Ferms have their peculiar uses in the vegetable kingdom. In common with other cellular plants, they provide mould in situations where plants of a higher order could not at first grow; and this is effected in a twofold manner—by the decay of their fronds and the action of their roats. Mr. Webster, in his "Voyage of the Chanticleer," states that when gathering ferms in the Island of St. Catherine, he was particularly struck by observing that ea

flowers, placed side by side, as if for sate, without any regard to handle or grouping.

In Mr. Ward's garden at Clapham is exemplified what can be done with a London garden by anyone disposed to consider nature rather than conventional regularity and neatness, and in his glass-houses we have forms growing naturally out of rockwork, and surrounding little pools of water, on the borders of which flourish bog and other plants, receiving their necessary moisture from the evaporation which takes place, instead of being contined each to its little modieum of earth supplied in a red garden-pot, having the free and undisturbed privilege of spreading themselves in any direction. Such a thing as a garden-pot is not seen on the premises, but every plant is considered, and has a place provided for its growth as much like its natural home as possible. This, we believe, is the true way to cultivate and enjoy a garden. garden.
Our Plate reminds us that all insect life has not quite disappeared with the

garden.

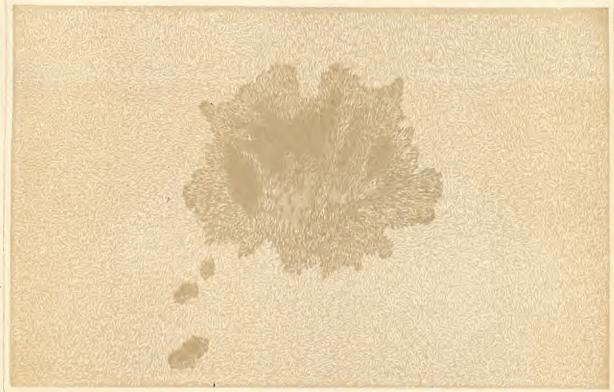
Our Plate reminds us that all insect life has not quite disappeared with the dull days of November and December. The hummingbird hawkmoth (Macroglossa stellatarum) is sometimes found as late in the year still hovering over the scene of its summer sports, and occasionally the warmth of our green and hot houses will attract a late tarrier to their genial shelter.

Moths are generally divided into two divisions—crepuscular, or those that are seen on wing at twilight, and nocturnal or nightfliers, the latter comprising by far the greater number. The twilight family consist chiefly of hawkmoths, or sphinxes—the former name having reference to the moth's hovering mode of flight; the latter to the caterpillar's remarkable form and position when at rest. Many of the hawkmoths are named after the trees and plants which furnish the favourite food of their caterpillar life. The name of the hummingbird hawkmoth of our Plate is derived from the vibratory sound emitted by the wings of this prietty insect as it hovers suspended, morning and evening, above flowers of which the honeyed treasures are never inaccessible to its long, spiral probaseis. The anterior wings of this curious moth are dusky brown, striated and barred, the hinder white or rusty yellow; and the body, which is short, is variegated at the sides with small tufts of black and white, finished by a large black bush at its extremity. The hummingbird-moth is frequently seen in most parts of England, but especially near the seaside. The caterpillar is green, variagated with white. It sports a tail somewhat conspicuous as proportioned to its size. It is a feeder on that rough and trailing climber known as cleavers; also on goosegrass and ladies' bed-straw (galium).

We have now brought our circle of months to a close, and we trust our readers may find, if so inclined, suggestions for natural history thought and study for each month of the year—not by any means strictly arranged, so as to be applicable only to the months in which they appear, but as hints fo



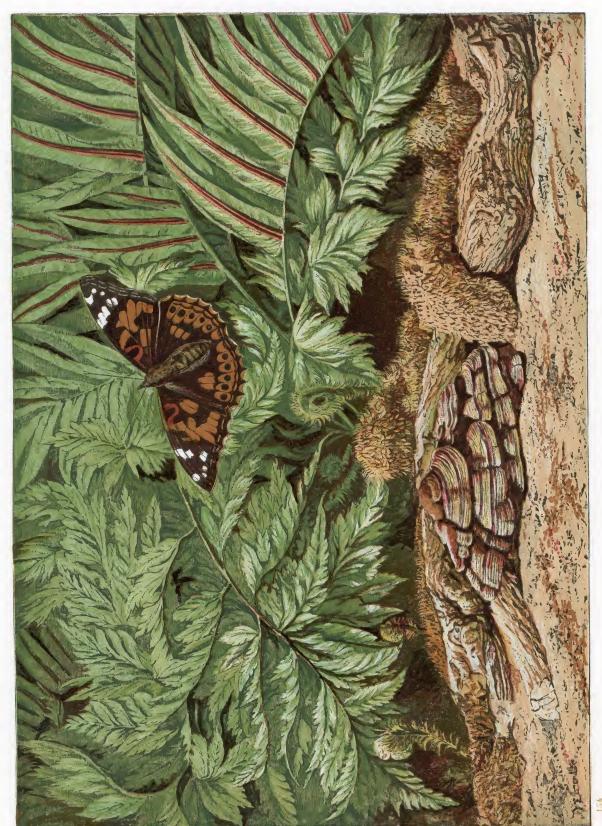
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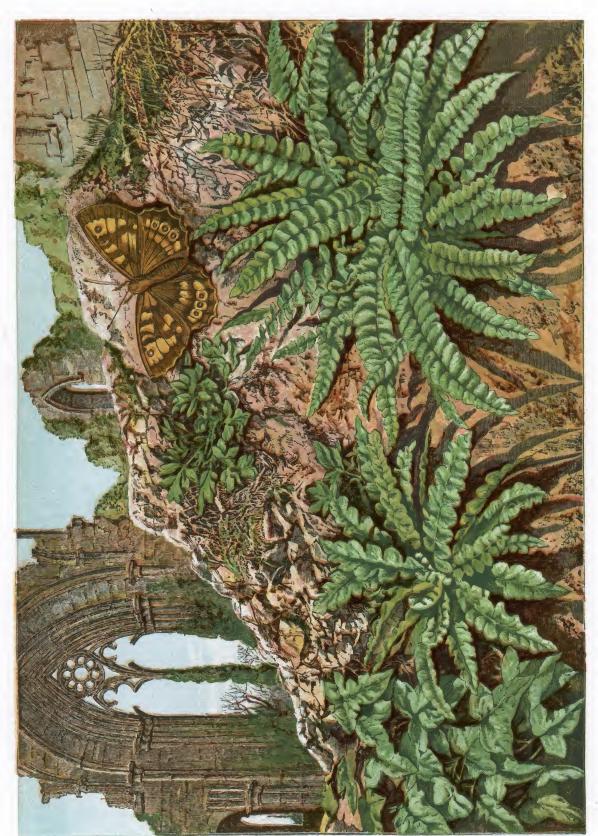
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DEALER CONTRACTOR AS NOTED BY MAKED BORNE.

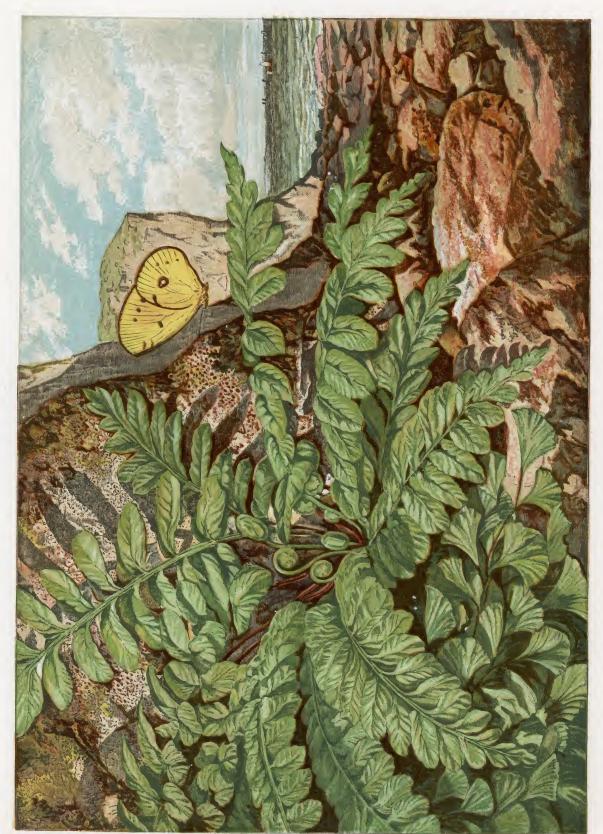


GREENHOUSE FERNS.
JANUARY AND FEBRUARY.



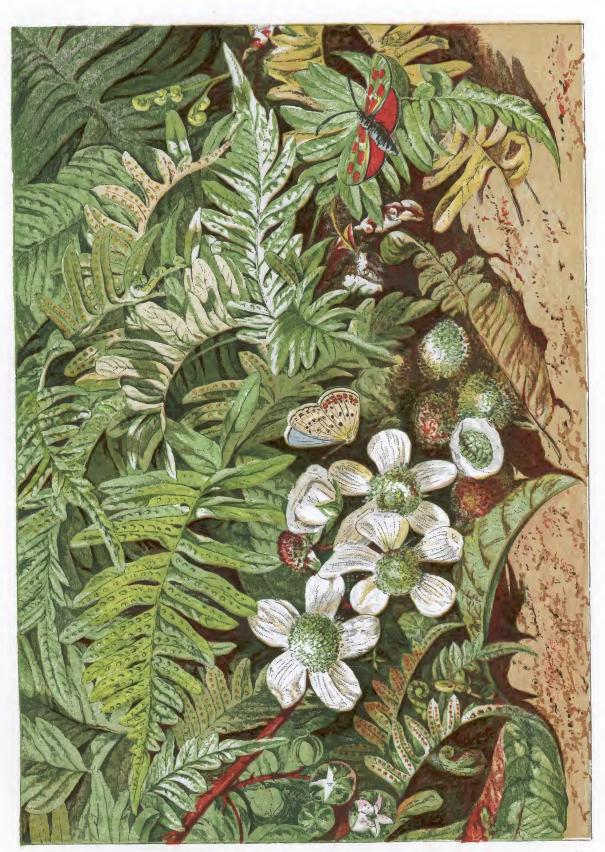
W A L L F E R N S.

MARCH AND APRIL.

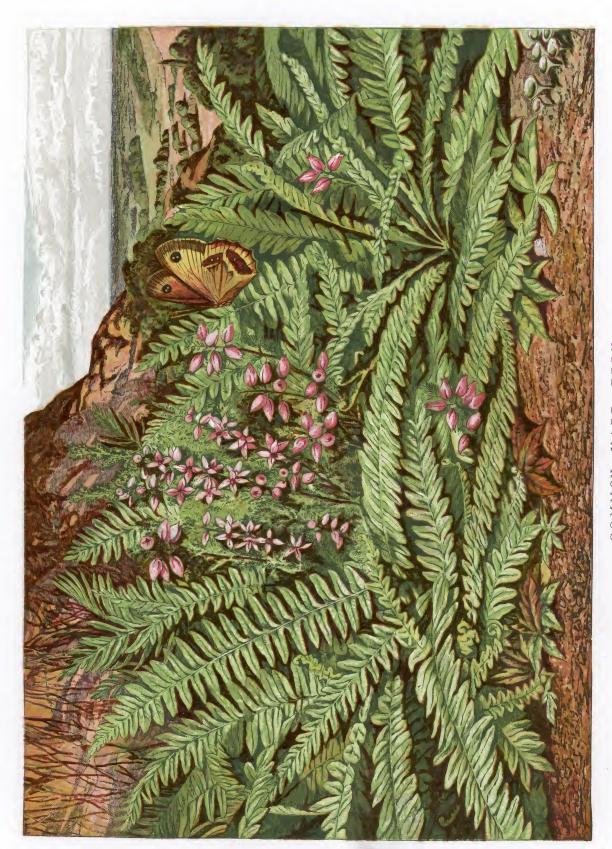


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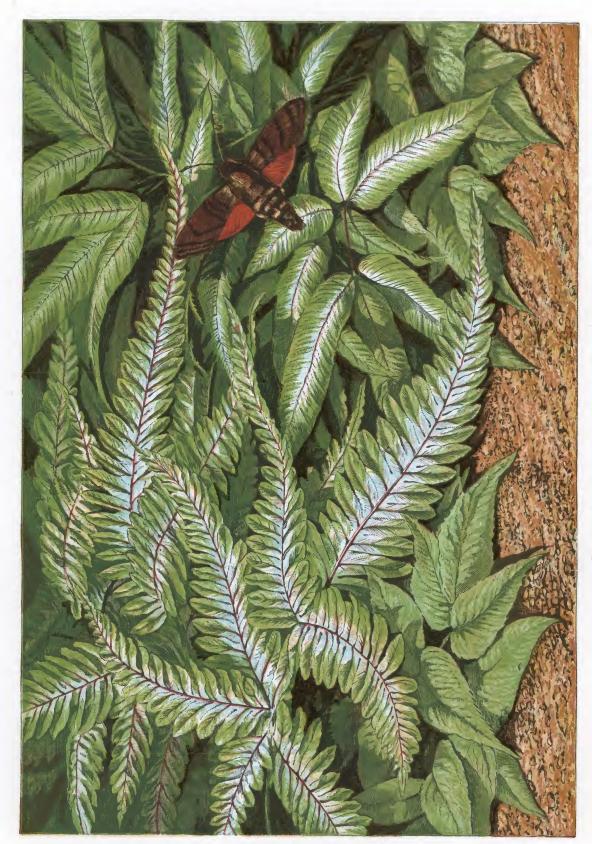
SEASIDE FERNS.
MAY AND JUNE.



COMMON POLYPODY, JULY AND AUGUST.



COMMON HARD FERN. SEPTEMBER AND OCTOBER.



VARIEGATED HOTHOUSE FERNS.
NOVEMBER AND DECEMBER.